

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039756.D
 Acq On : 21 Oct 2022 23:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 22 02:39:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.192	49	889474	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2727459	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3119385	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1819213	8.216	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	923011	6.197	ppbv	96
3) Chlorodifluoromethane	2.684	51	1161112	10.246	ppbv	99
4) Chloromethane	2.825	50	724562	10.218	ppbv	97
5) Vinyl Chloride	2.931	62	621030	11.156	ppbv	94
6) Bromomethane	3.131	94	211185	10.244	ppbv	96
7) Chloroethane	3.208	64	214955	10.419	ppbv	98
8) Dichlorotetrafluoroethane	2.867	85	1328381	9.613	ppbv	98
9) Propene	2.700	41	557335	10.770	ppbv	99
10) Heptane	7.571	43	1358165	11.310	ppbv	100
11) Trichlorofluoromethane	3.571	101	1405751	10.139	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	1065222	9.551	ppbv	97
13) Ethanol	3.256	45	20238	5.740	ppbv #	48
14) Bromoethene	3.375	108	441260	10.386	ppbv	96
15) Acetone	3.478	43	1052068	9.796	ppbv	99
16) 1,3-Butadiene	2.996	39	580066	10.761	ppbv	96
17) tert-Butyl alcohol	3.886	59	1049450	11.502	ppbv	100
18) 1,1-Dichloroethene	3.890	96	489495	10.228	ppbv	94
19) Isopropyl Alcohol	3.581	45	568361	10.836	ppbv	98
20) Methylene Chloride	3.941	84	402200	9.315	ppbv	96
21) Allyl Chloride	4.002	41	773645	10.437	ppbv	97
22) trans-1,2-Dichloroethene	4.449	96	507471	10.444	ppbv	99
23) Vinyl Acetate	4.629	43	449584	9.921	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	1070744	10.364	ppbv	99
25) Ethyl Acetate	5.208	43	2089167	9.710	ppbv	98
26) Hexane	5.214	57	841590	9.604	ppbv	99
27) Carbon Disulfide	4.131	76	1261323	11.495	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	837737	10.081	ppbv	99
29) Chloroform	5.275	83	1177635	8.383	ppbv	99
30) Cyclohexane	6.597	84	818906	11.116	ppbv	100
31) cis-1,2-Dichloroethene	5.079	61	834707	10.622	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1434196	11.771	ppbv	98
34) 2-Butanone	4.790	43	1217929	9.681	ppbv	100
35) Carbon Tetrachloride	6.488	117	1524370	10.784	ppbv	97
36) Benzene	6.365	78	2124521	10.321	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1134361	10.230	ppbv	100
38) Trichloroethene	7.285	130	1213880	10.995	ppbv	96
39) 1,2-Dichloropropane	7.070	63	785396	9.947	ppbv	97
40) 1,4-Dioxane	7.285	88	272286	9.002	ppbv #	91
41) Tetrahydrofuran	5.558	42	827815	10.263	ppbv	98
42) Bromodichloromethane	7.240	83	1605489	10.543	ppbv	97
43) Methyl Methacrylate	7.471	69	821289	11.091	ppbv	100
44) 2,2,4-Trimethylpentane	7.320	57	3540689	10.152	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	759492	12.391	ppbv	95

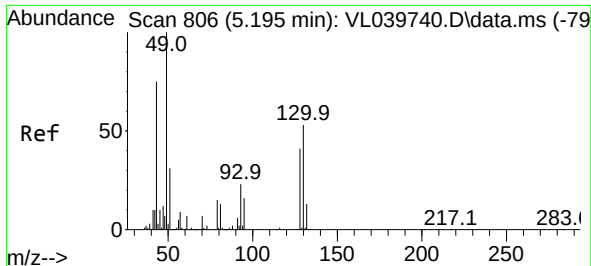
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1052137	12.118	ppbv	99
47) 1,1,2-Trichloroethane	8.893	97	860077	10.030	ppbv	97
48) Dibromochloromethane	9.700	129	1420606	10.981	ppbv	99
49) Bromoform	12.394	173	1195899	11.483	ppbv	100
50) 4-Methyl-2-Pentanone	8.176	43	2206128	10.755	ppbv	100
51) 2-Hexanone	9.542	43	1692243	11.510	ppbv #	100
52) Tetrachloroethene	10.603	164	430606	5.795	ppbv	97
53) Toluene	9.214	91	2450698	11.026	ppbv	99
54) 1,2-Dibromoethane	9.995	107	982364	11.392	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.494	131	1028132	8.121	ppbv	96
57) Chlorobenzene	11.516	112	1842109	8.049	ppbv	99
58) Ethyl Benzene	12.076	91	3199053	8.879	ppbv	98
59) m/p-Xylene	12.365	91	1806448	5.673	ppbv #	31
60) o-Xylene	13.050	91	2607487	8.560	ppbv	99
61) Styrene	12.886	104	1555048	9.757	ppbv	99
62) Isopropylbenzene	14.018	105	3771642	8.313	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	924132	7.938	ppbv	99
64) n-propylbenzene	14.905	120	976746	8.569	ppbv	99
65) tert-Butylbenzene	16.079	119	3297730	8.297	ppbv	100
66) Benzyl Chloride	16.314	91	240932	8.675	ppbv	99
67) sec-Butylbenzene	16.622	105	4585391	8.338	ppbv	100
69) p-Isopropyltoluene	16.986	119	3806408	8.589	ppbv	100
70) n-Butylbenzene	17.876	91	3727638	8.740	ppbv	99
71) 2-Chlorotoluene	14.786	91	2767363	8.571	ppbv	100
72) 4-Ethyltoluene	15.182	105	2996629	8.814	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2703537	8.542	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	2876351	8.273	ppbv	94
75) 1,3-Dichlorobenzene	16.317	146	1695611	8.144	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1610376	7.917	ppbv	97
77) 1,2-Dichlorobenzene	17.130	146	1605722	7.935	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1038639	7.103	ppbv	98
79) Naphthalene	21.368	128	1985941	9.757	ppbv	96
80) Naphthalene,2-methyl-	24.365	142	762207	12.539	ppbv	96
81) 1,2,4-Trichlorobenzene	21.127	180	1135398	8.325	ppbv #	100

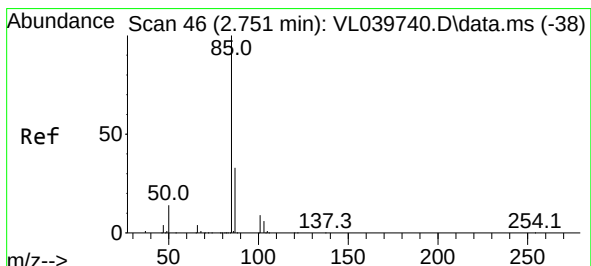
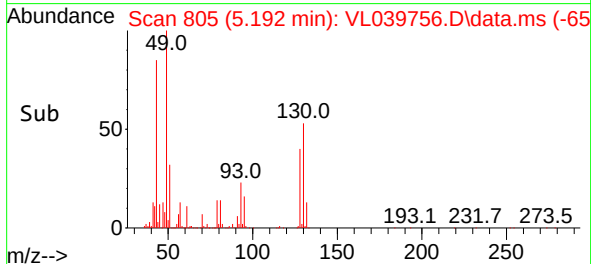
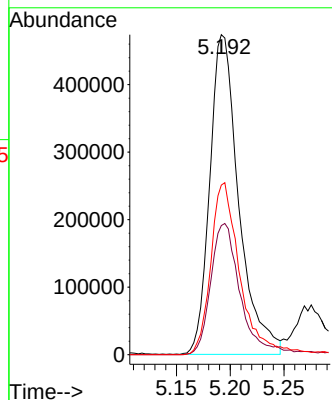
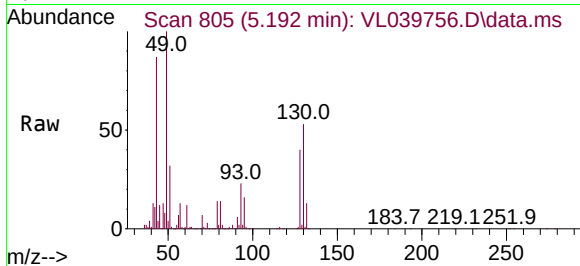
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

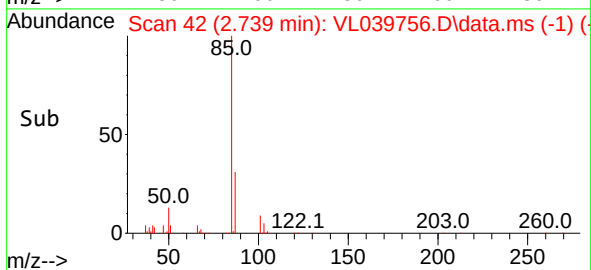
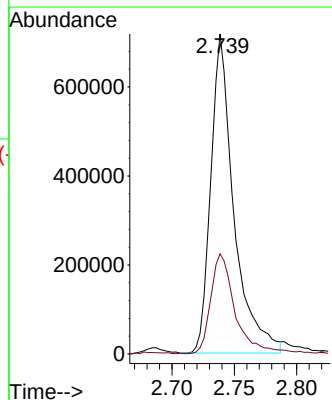
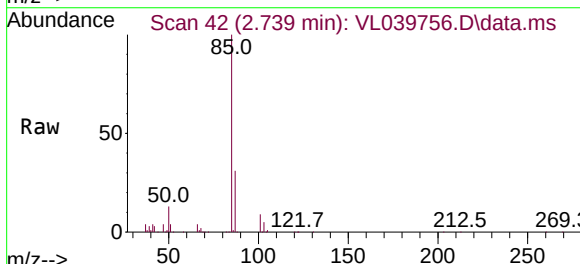
Instrument :
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ClientSampleId :
VSTDCCC010EC

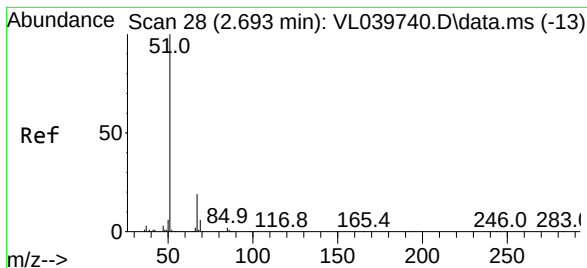
Tgt Ion: 49 Resp: 889474
Ion Ratio Lower Upper
49 100
128 42.8 22.6 67.8
130 55.0 29.0 87.0



#2
Dichlorodifluoromethane
Concen: 6.197 ppbv
RT: 2.739 min Scan# 42
Delta R.T. -0.013 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 85 Resp: 923011
Ion Ratio Lower Upper
85 100
87 31.3 26.6 40.0

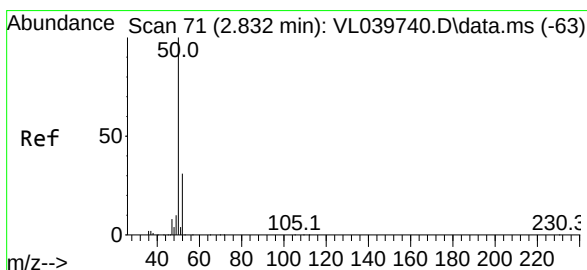
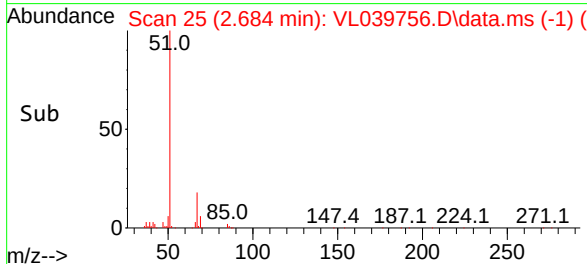
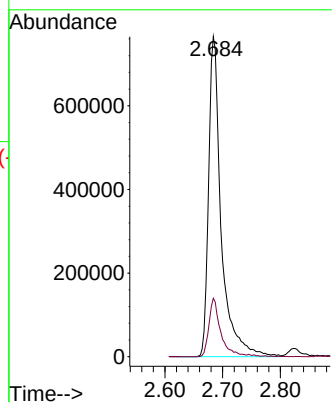
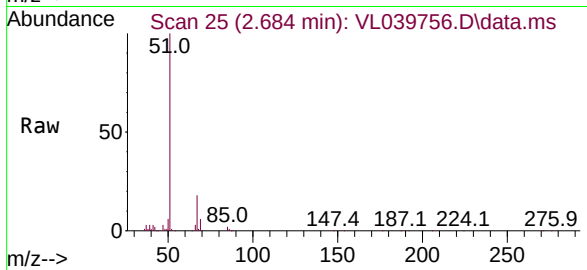




#3
 Chlorodifluoromethane
 Concen: 10.246 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

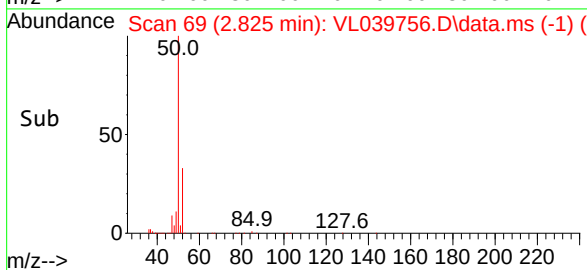
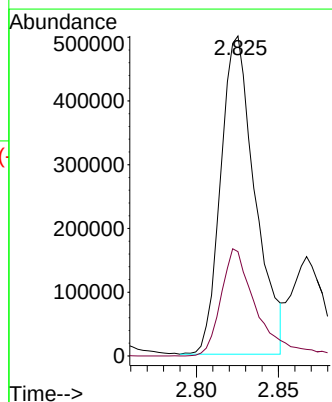
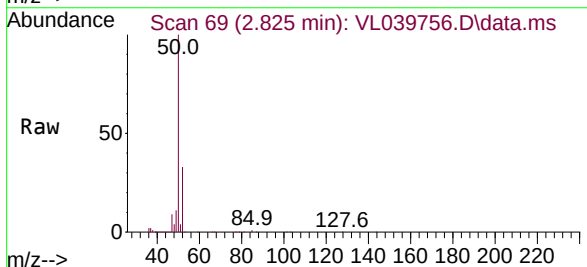
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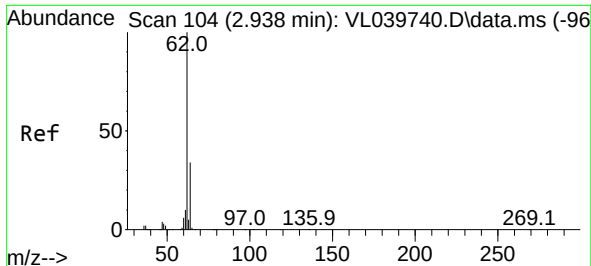
Tgt Ion: 51 Resp: 1161112
 Ion Ratio Lower Upper
 51 100
 67 17.6 14.6 21.8



#4
 Chloromethane
 Concen: 10.218 ppbv
 RT: 2.825 min Scan# 69
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 50 Resp: 724562
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.8 37.2

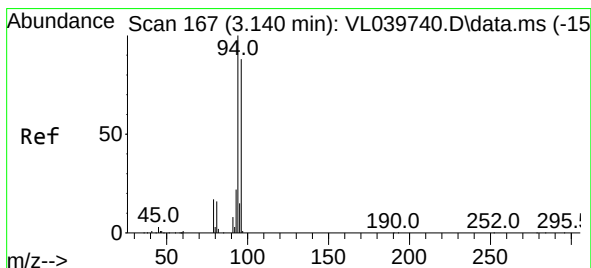
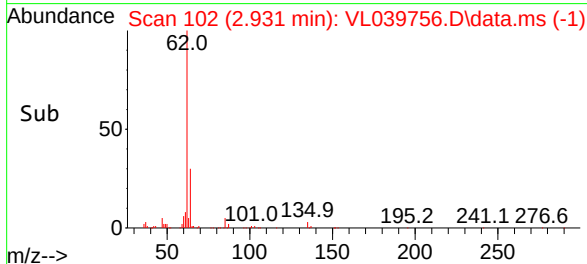
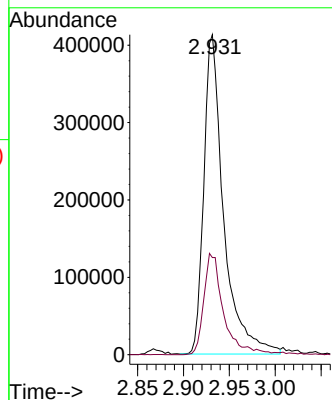
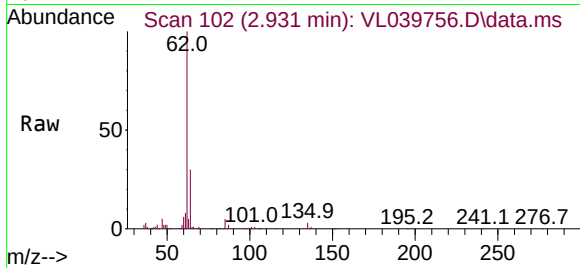




#5
 Vinyl Chloride
 Concen: 11.156 ppbv
 RT: 2.931 min Scan# 104
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

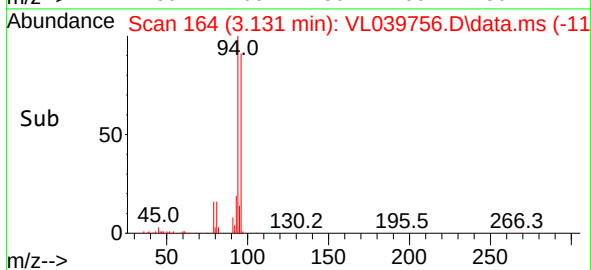
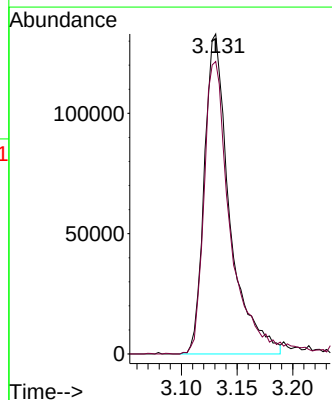
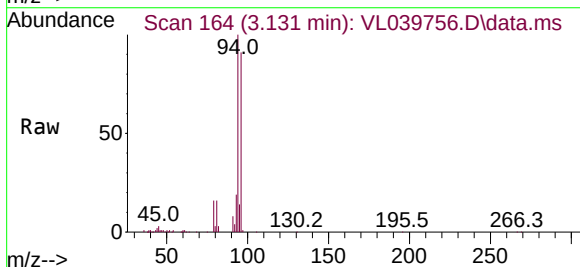
Instrument :
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 ClientSampleId :
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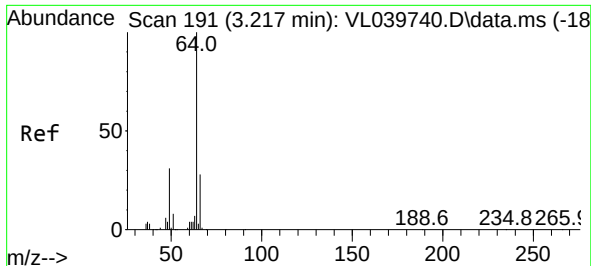
Tgt Ion: 62 Resp: 621030
 Ion Ratio Lower Upper
 62 100
 64 30.4 27.1 40.7



#6
 Bromomethane
 Concen: 10.244 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.010 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 94 Resp: 211185
 Ion Ratio Lower Upper
 94 100
 96 91.4 70.5 105.7

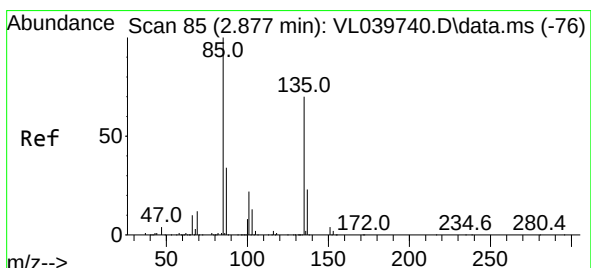
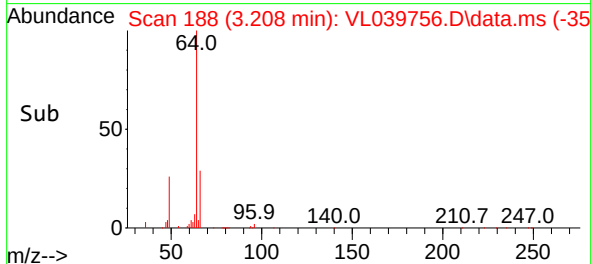
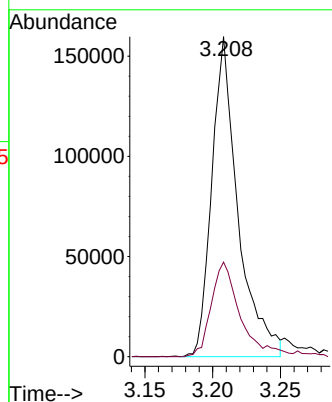
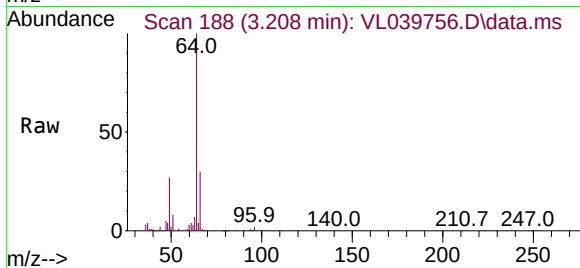




#7
Chloroethane
Concen: 10.419 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

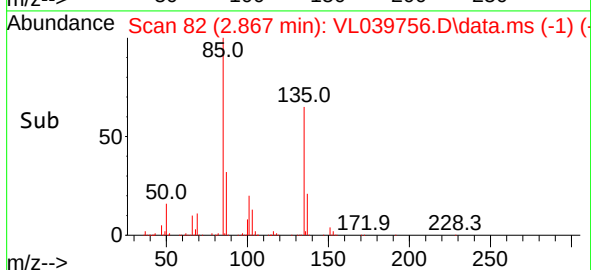
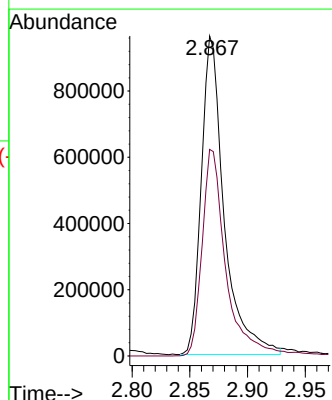
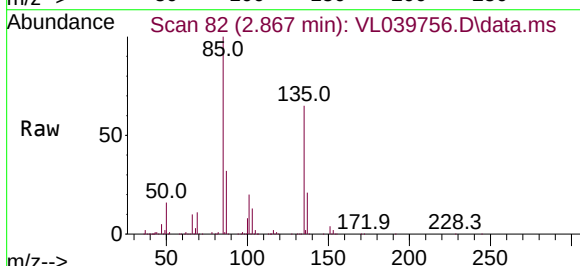
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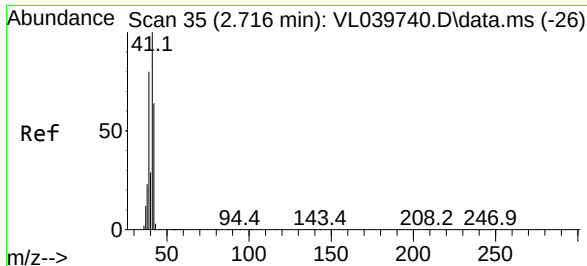
Tgt Ion: 64 Resp: 214955
Ion Ratio Lower Upper
64 100
66 29.6 22.6 34.0



#8
Dichlorotetrafluoroethane
Concen: 9.613 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 85 Resp: 1328381
Ion Ratio Lower Upper
85 100
135 68.8 56.1 84.1

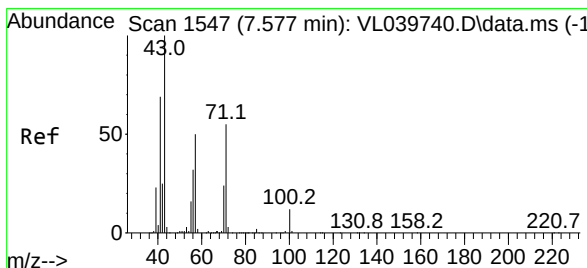
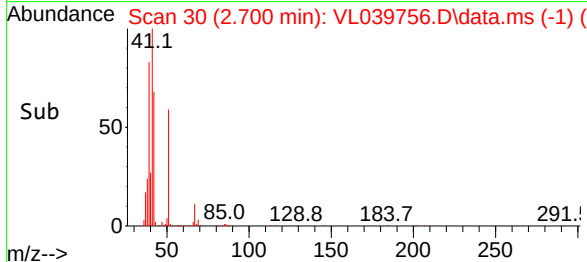
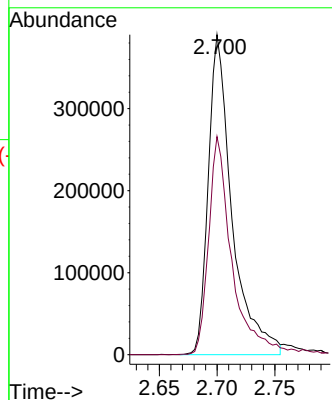
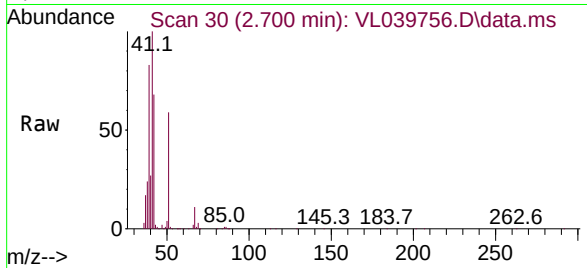




#9
 Propene
 Concen: 10.770 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

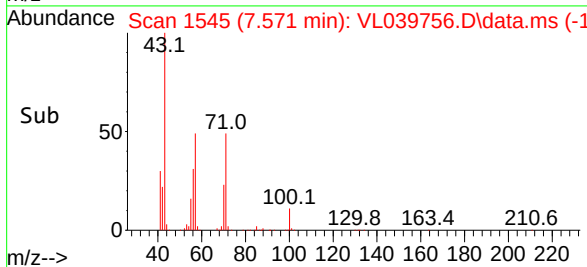
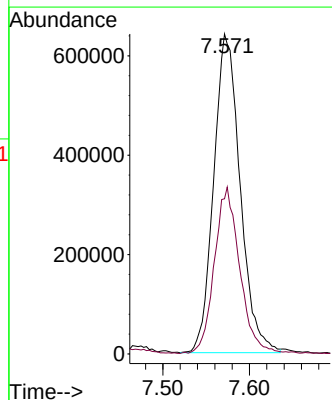
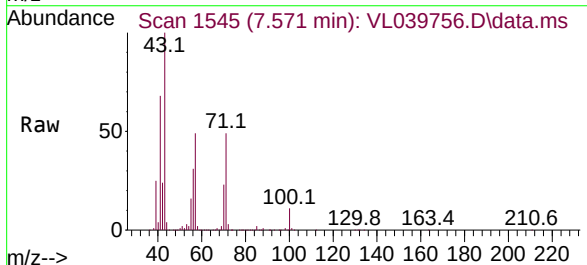
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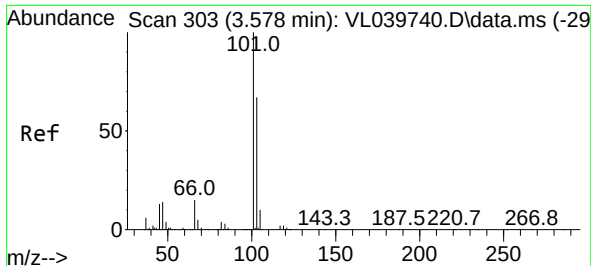
Tgt Ion: 41 Resp: 557335
 Ion Ratio Lower Upper
 41 100
 42 68.5 54.4 81.6



#10
 Heptane
 Concen: 11.310 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 43 Resp: 1358165
 Ion Ratio Lower Upper
 43 100
 57 50.2 40.0 60.0

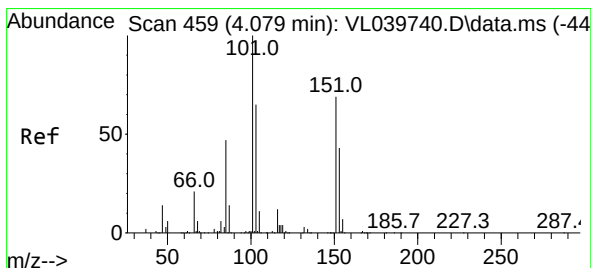
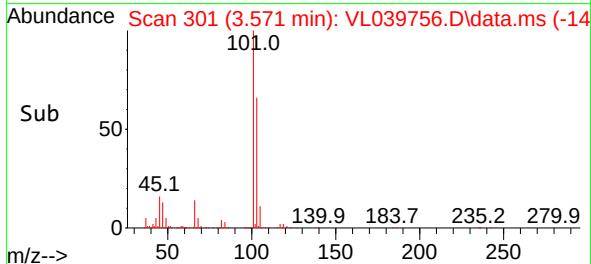
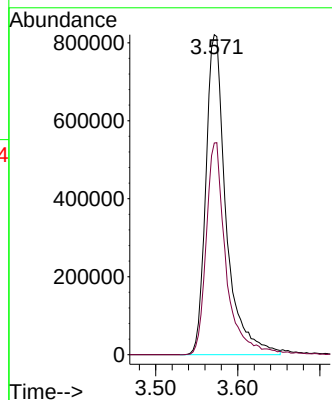
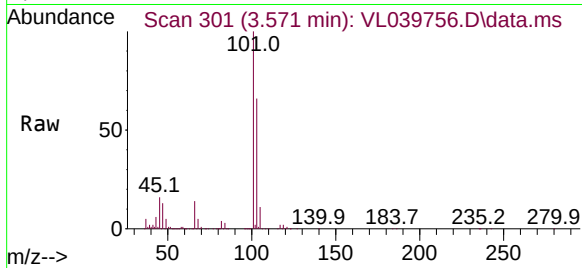




#11
 Trichlorofluoromethane
 Concen: 10.139 ppbv
 RT: 3.571 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

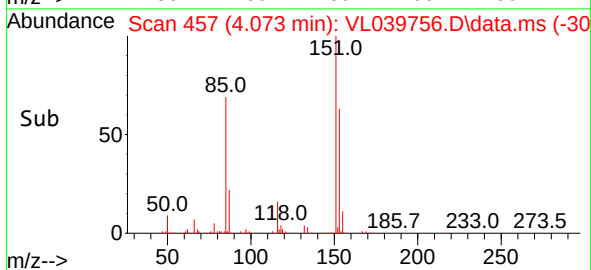
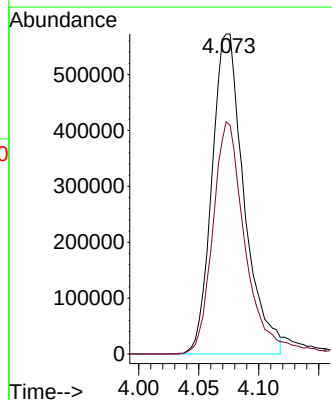
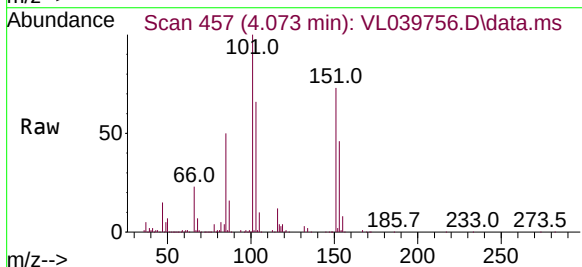
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 ClientSampleId :
 VSTDCCC010EC

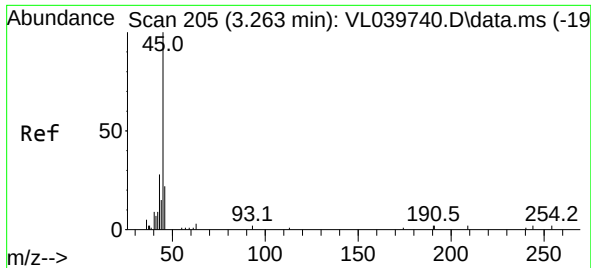
Tgt Ion:101 Resp: 1405751
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.2 79.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.551 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion:101 Resp: 1065222
 Ion Ratio Lower Upper
 101 100
 151 74.6 58.0 87.0

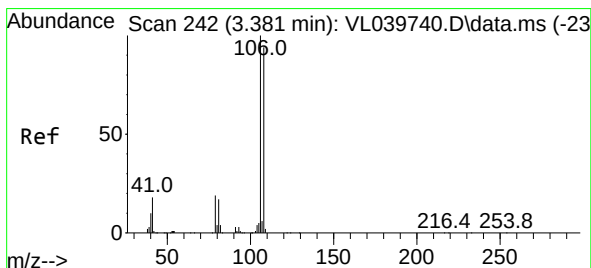
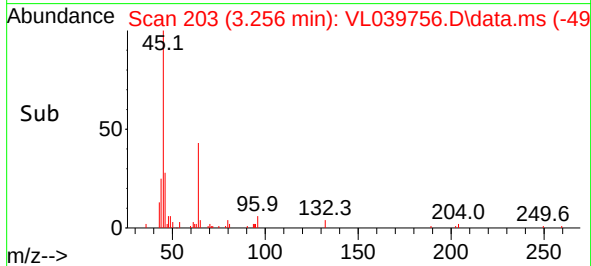
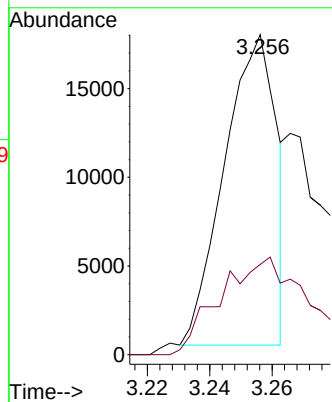
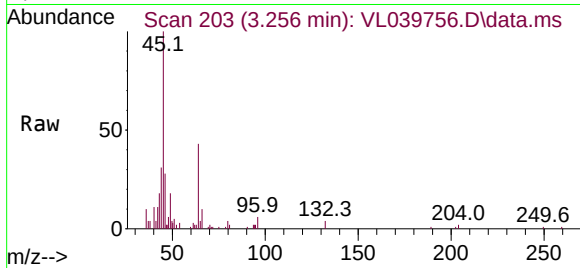




#13
Ethanol
Concen: 5.740 ppbv
RT: 3.256 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

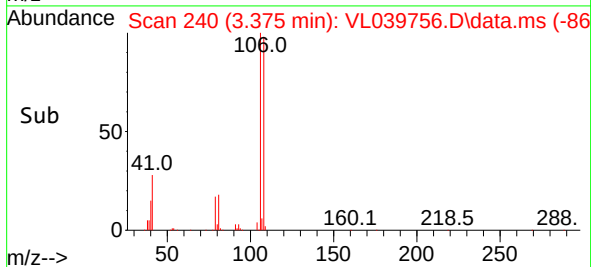
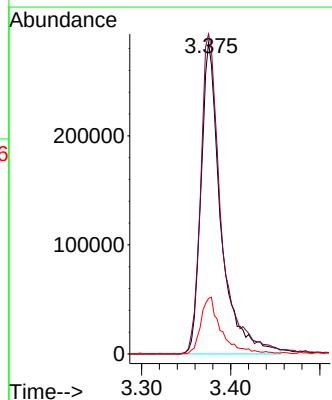
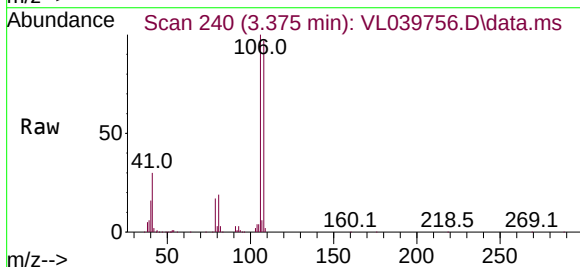
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

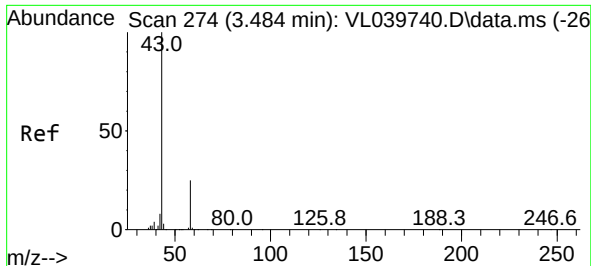
Tgt Ion: 45 Resp: 20238
Ion Ratio Lower Upper
45 100
46 67.8 14.8 59.2#



#14
Bromoethene
Concen: 10.386 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:108 Resp: 441260
Ion Ratio Lower Upper
108 100
106 108.4 90.2 135.4
79 19.4 16.2 24.2

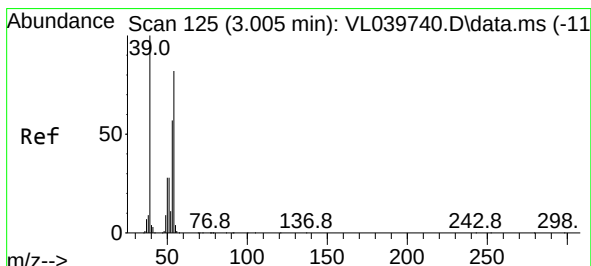
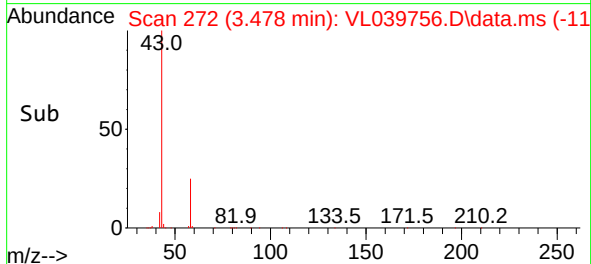
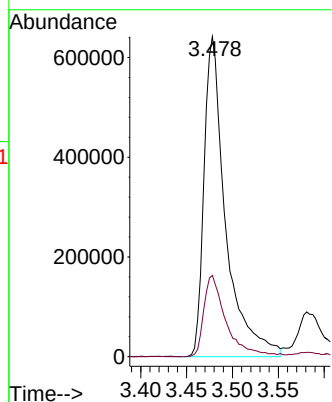
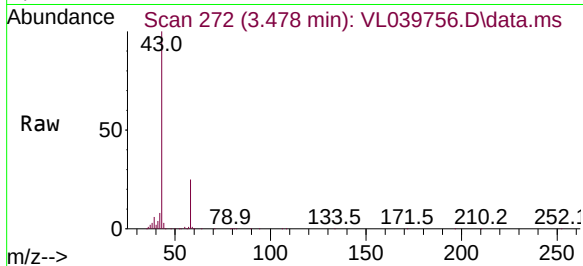




#15
Acetone
Concen: 9.796 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

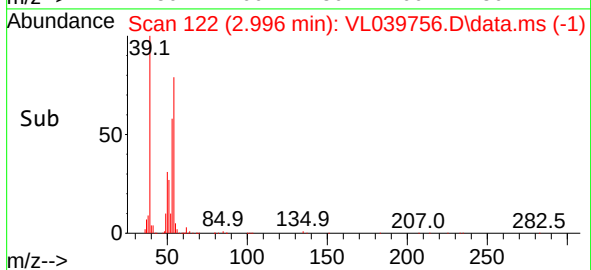
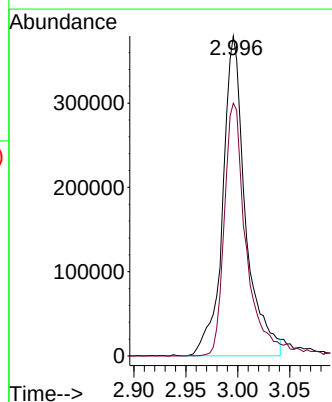
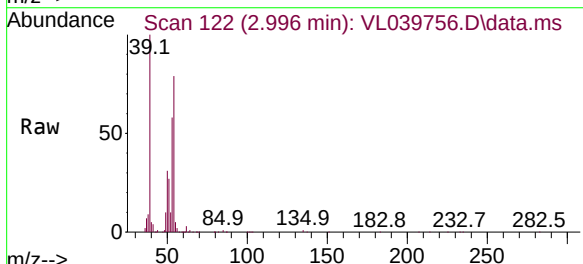
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

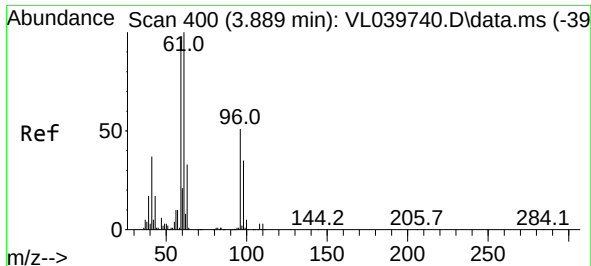
Tgt Ion: 43 Resp: 1052068
Ion Ratio Lower Upper
43 100
58 26.4 20.9 31.3



#16
1,3-Butadiene
Concen: 10.761 ppbv
RT: 2.996 min Scan# 122
Delta R.T. -0.010 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 39 Resp: 580066
Ion Ratio Lower Upper
39 100
54 78.3 65.2 97.8





#17

tert-Butyl alcohol

Concen: 11.502 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

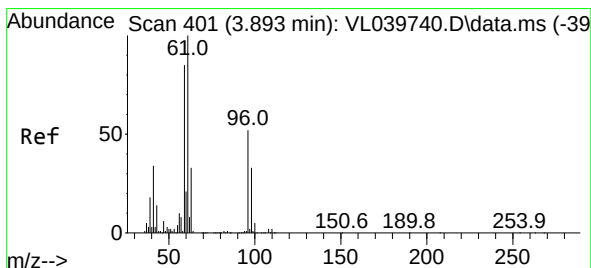
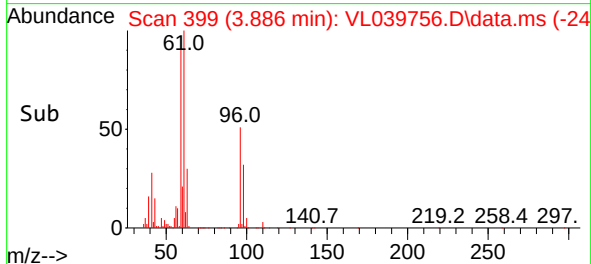
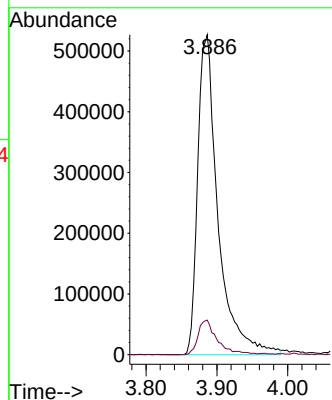
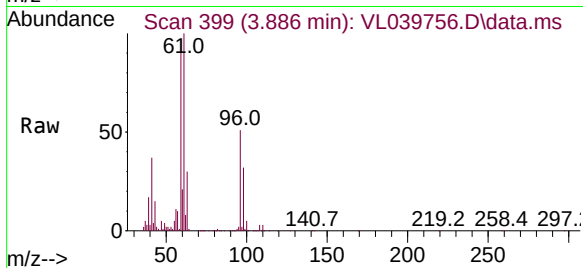
VSTDCCC010EC

Tgt Ion: 59 Resp: 1049450

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#18

1,1-Dichloroethene

Concen: 10.228 ppbv

RT: 3.890 min Scan# 400

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

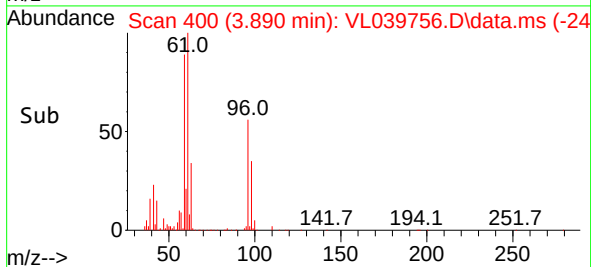
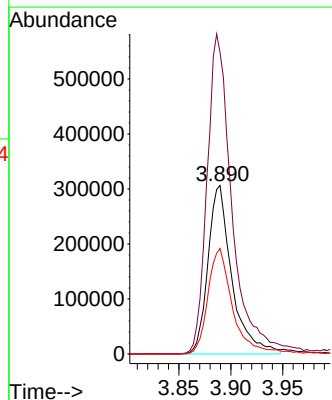
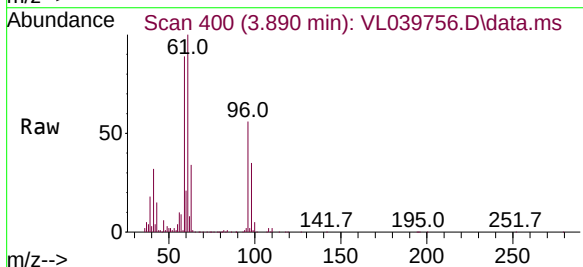
Tgt Ion: 96 Resp: 489495

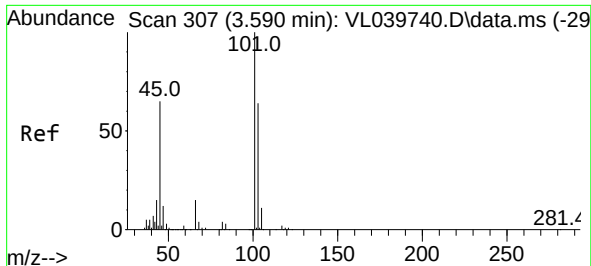
Ion Ratio Lower Upper

96 100

61 178.9 152.7 229.1

98 62.6 50.2 75.2

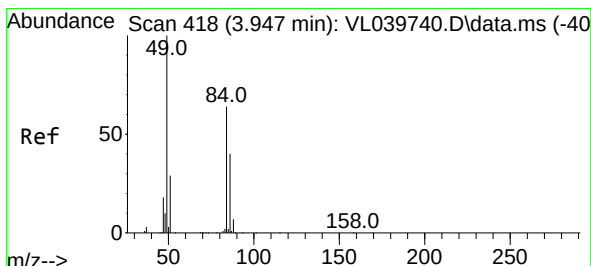
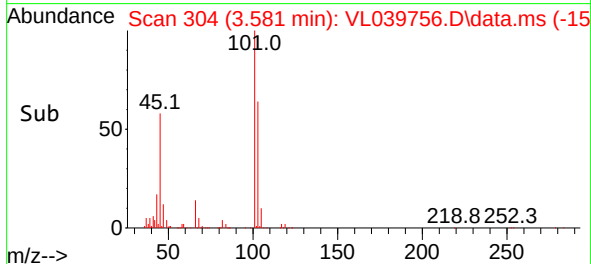
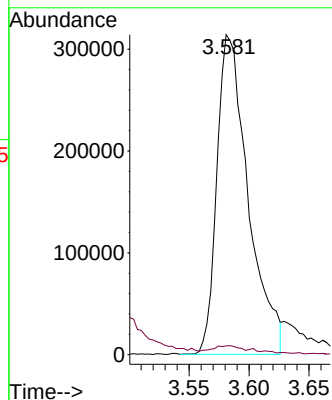
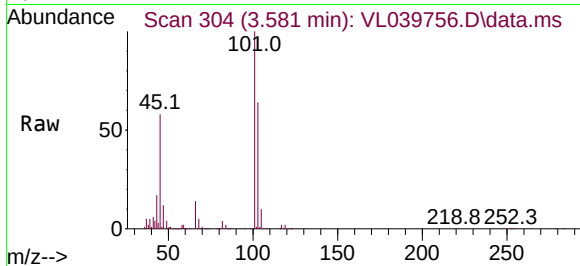




#19
Isopropyl Alcohol
Concen: 10.836 ppbv
RT: 3.581 min Scan# 307
Delta R.T. -0.010 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

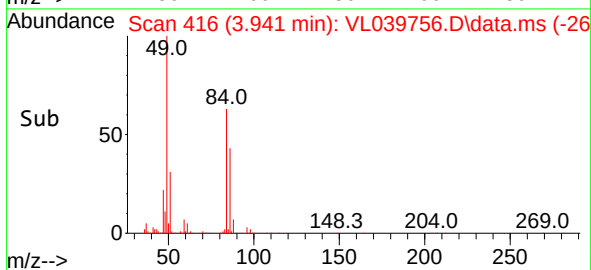
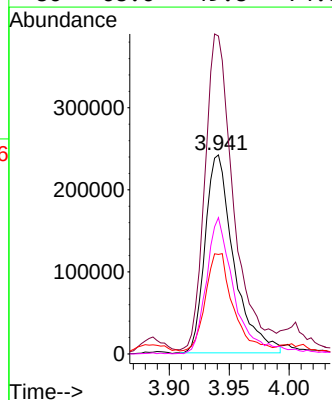
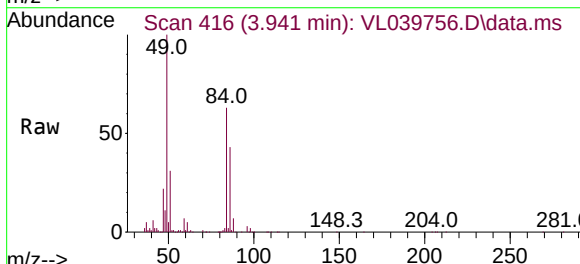
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

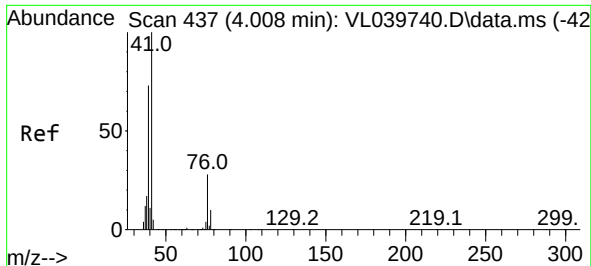
Tgt Ion: 45 Resp: 568361
Ion Ratio Lower Upper
45 100
58 3.5 3.3 4.9



#20
Methylene Chloride
Concen: 9.315 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 84 Resp: 402200
Ion Ratio Lower Upper
84 100
49 158.6 124.2 186.4
51 48.8 36.6 54.8
86 68.6 49.8 74.8

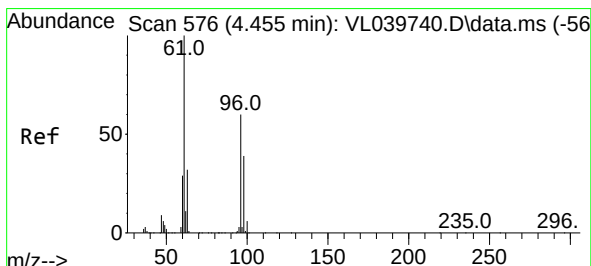
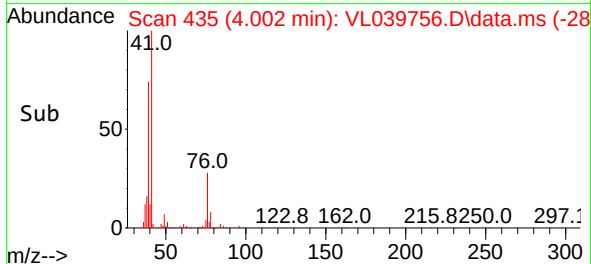
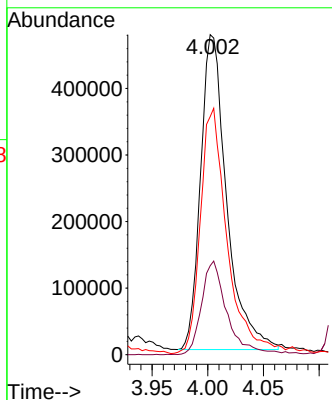
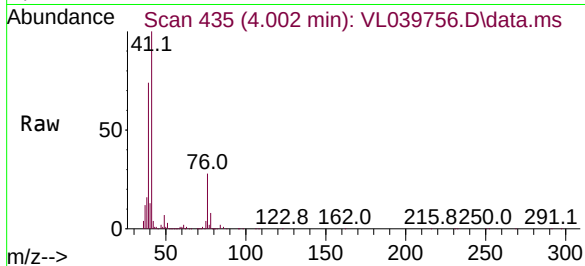




#21
 Allyl Chloride
 Concen: 10.437 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

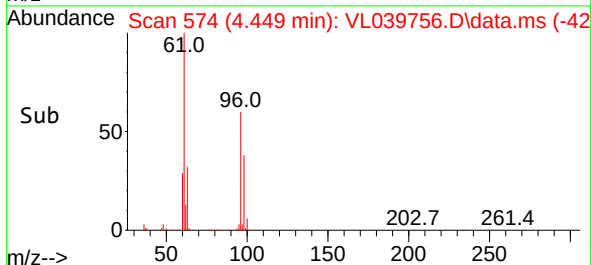
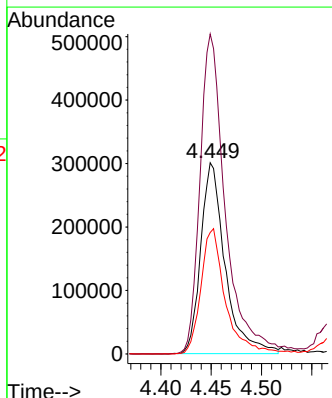
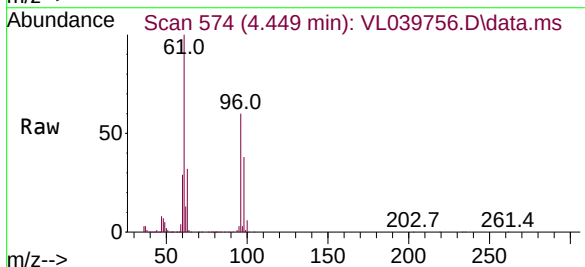
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

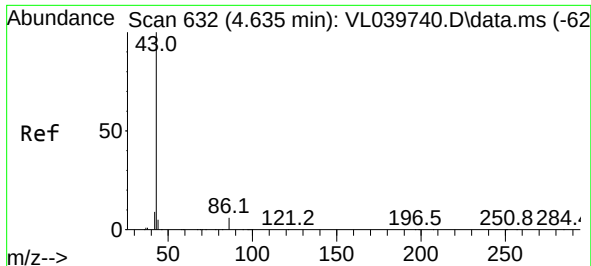
Tgt Ion: 41 Resp: 773645
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.5 35.3
 39 80.8 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 10.444 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 96 Resp: 507471
 Ion Ratio Lower Upper
 96 100
 61 167.2 132.9 199.3
 98 63.4 51.6 77.4



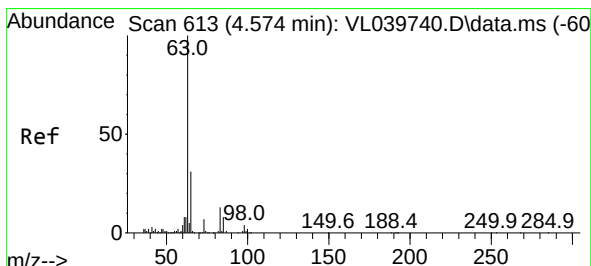
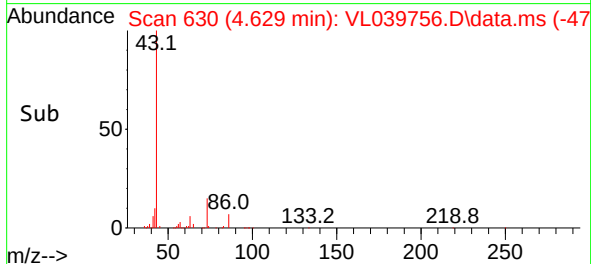
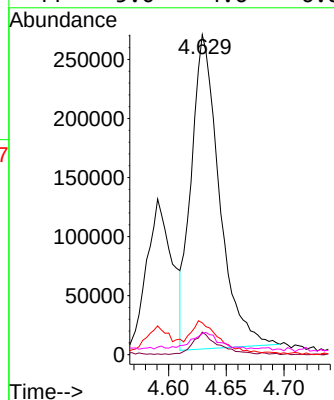
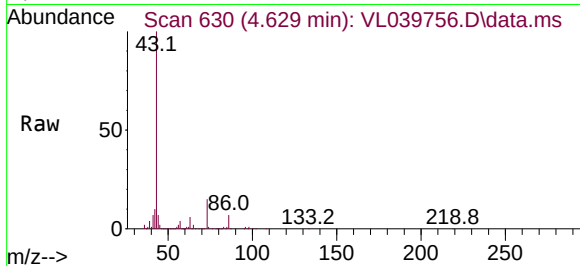


#23
 Vinyl Acetate
 Concen: 9.921 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 449584

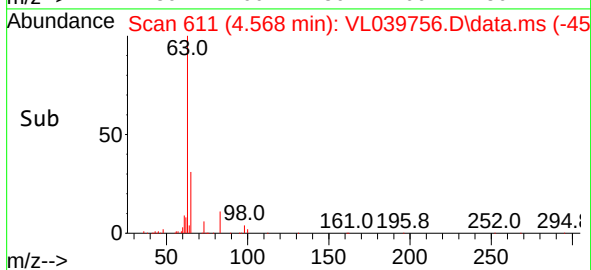
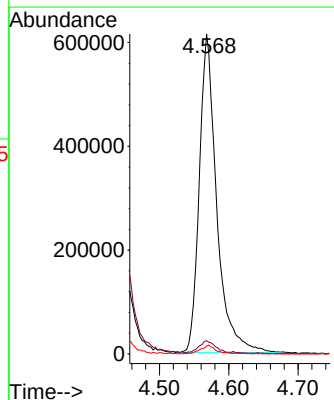
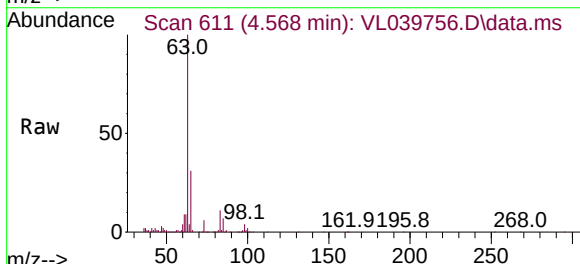
Ion	Ratio	Lower	Upper
43	100		
86	7.2	4.3	6.5
42	9.9	7.9	11.9
44	5.0	4.6	6.8

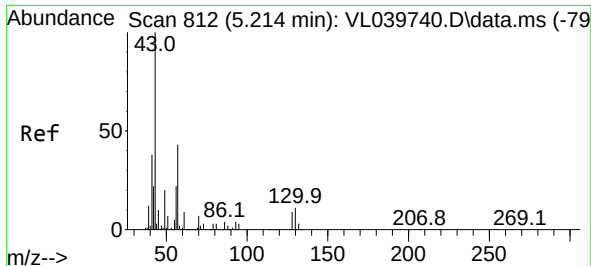


#24
 1,1-Dichloroethane
 Concen: 10.364 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 63 Resp: 1070744

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	2.4	1.2	3.6



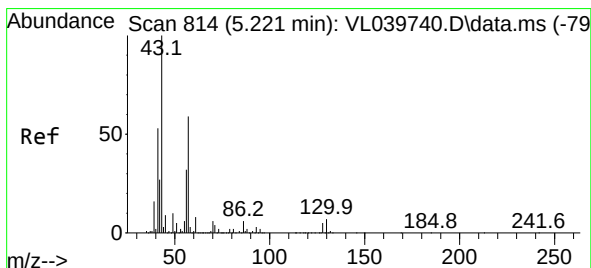
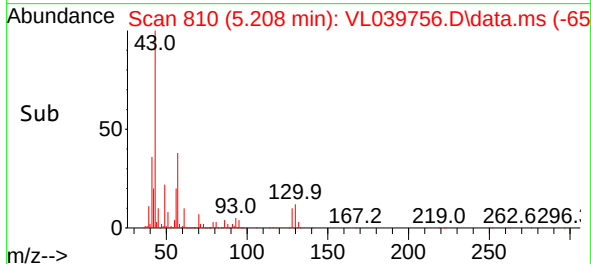
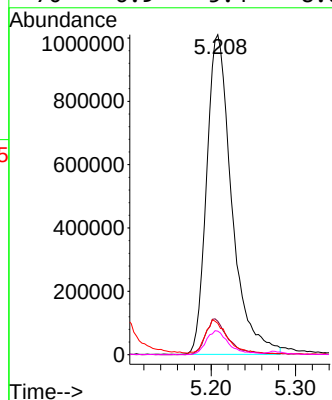
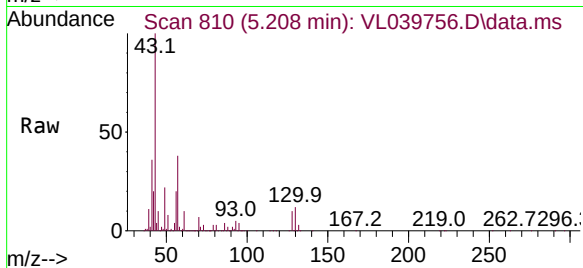


#25
Ethyl Acetate
Concen: 9.710 ppbv
RT: 5.208 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2089167

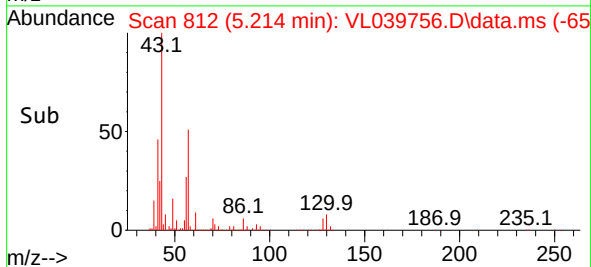
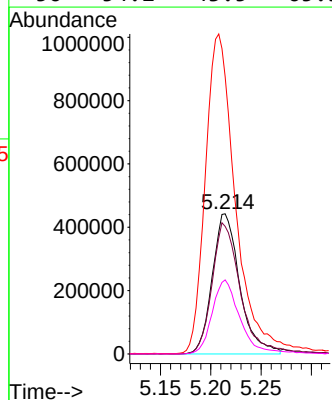
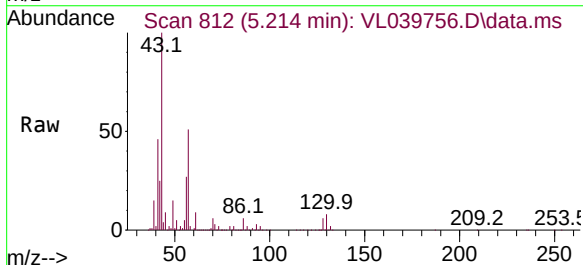
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.1	12.1
61	10.4	7.5	11.3
70	6.9	5.4	8.0

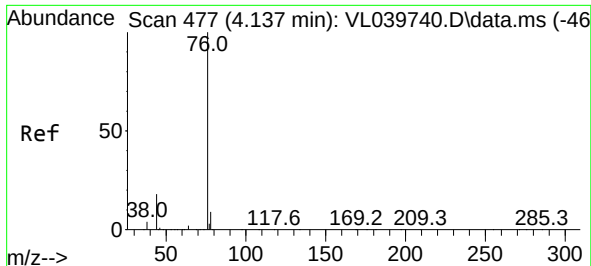


#26
Hexane
Concen: 9.604 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 57 Resp: 841590

Ion	Ratio	Lower	Upper
57	100		
41	97.8	76.8	115.2
43	252.7	201.0	301.4
56	54.2	43.5	65.3

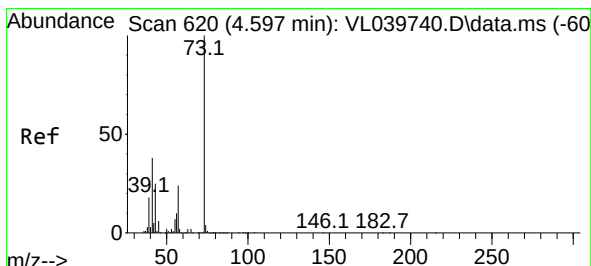
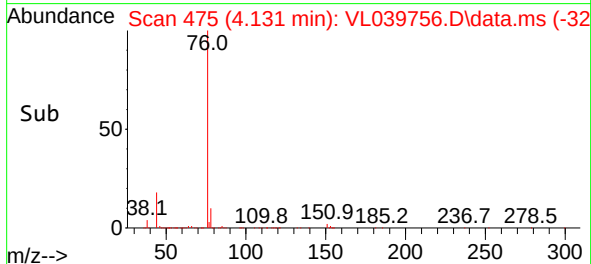
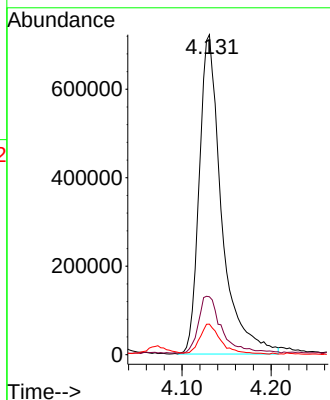
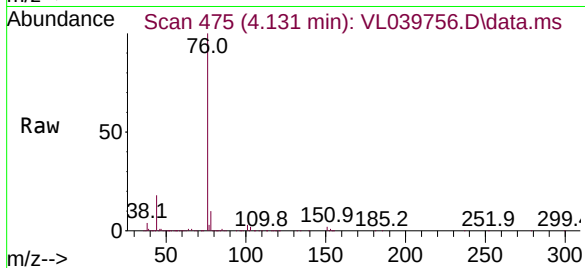




#27
Carbon Disulfide
Concen: 11.495 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

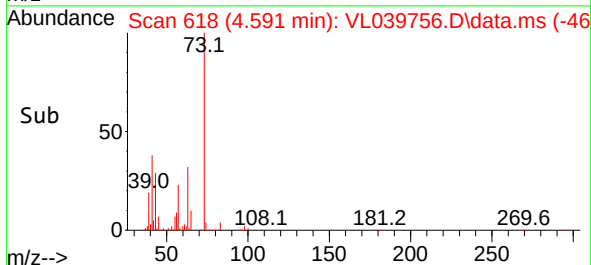
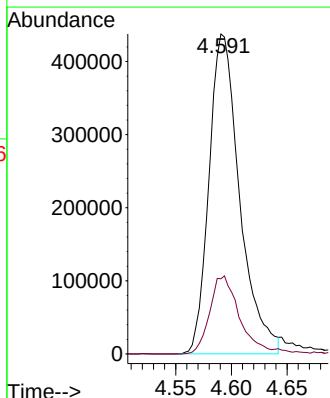
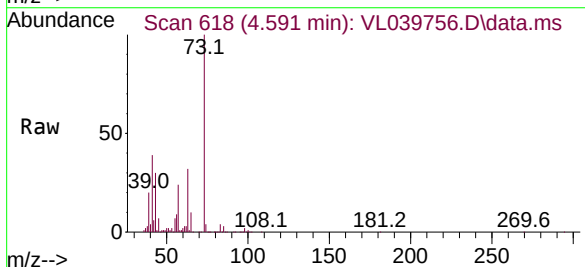
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

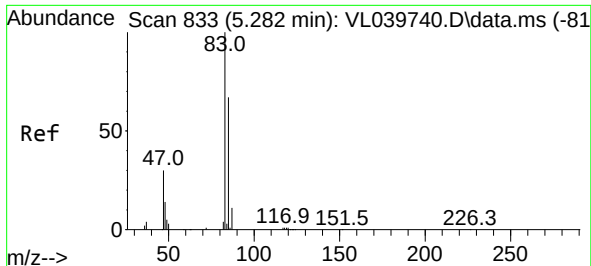
Tgt Ion: 76 Resp: 1261323
Ion Ratio Lower Upper
76 100
44 18.5 14.5 21.7
78 10.0 8.1 12.1



#28
Methyl tert-Butyl Ether
Concen: 10.081 ppbv
RT: 4.591 min Scan# 618
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 73 Resp: 837737
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.2





#29

Chloroform

Concen: 8.383 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

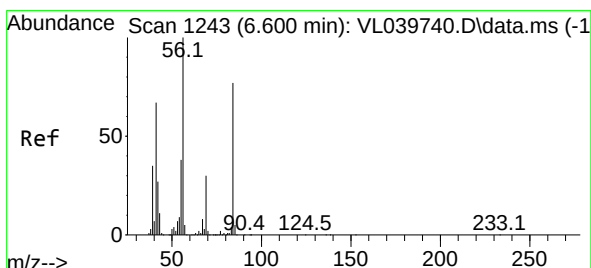
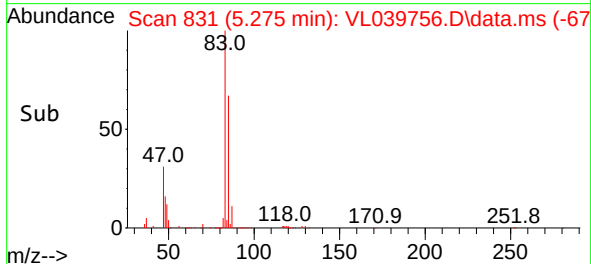
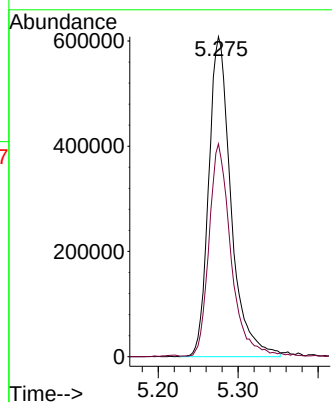
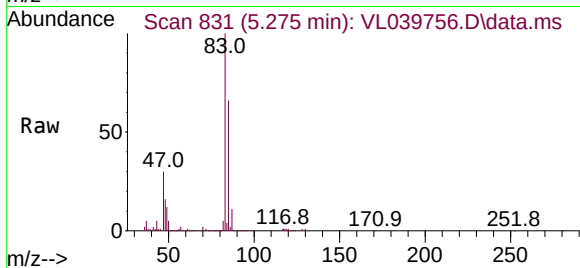
VSTDCCC010EC

Tgt Ion: 83 Resp: 1177635

Ion Ratio Lower Upper

83 100

85 66.3 53.5 80.3



#30

Cyclohexane

Concen: 11.116 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

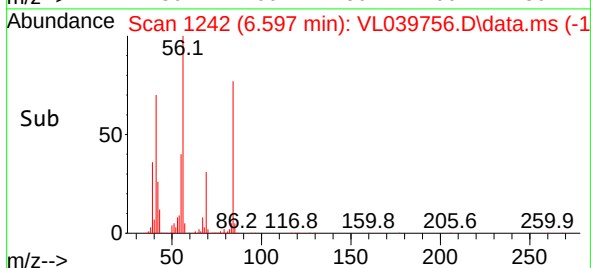
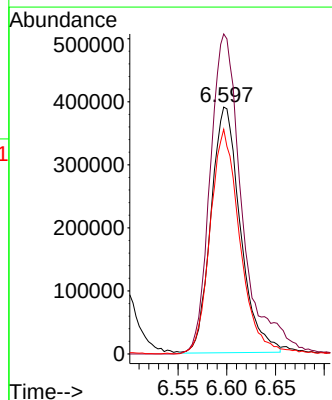
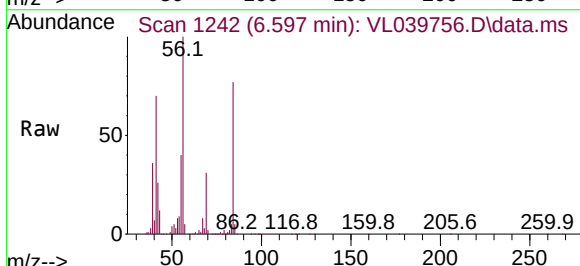
Tgt Ion: 84 Resp: 818906

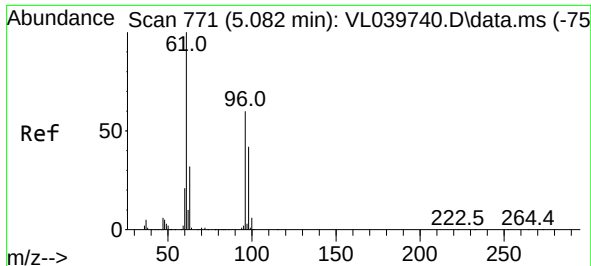
Ion Ratio Lower Upper

84 100

56 143.2 114.2 171.4

41 92.6 74.2 111.2

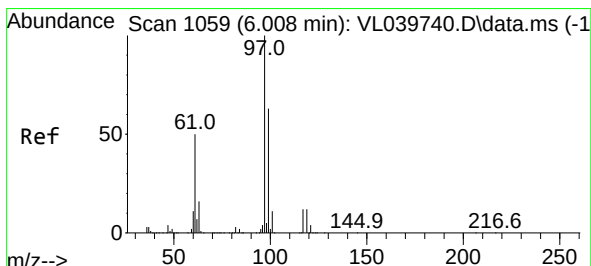
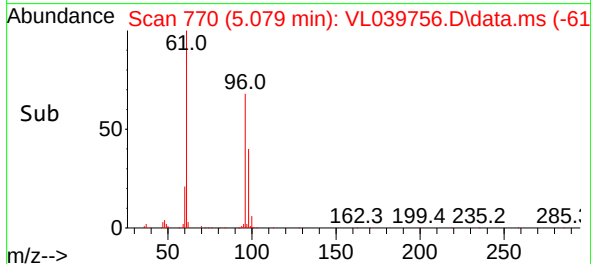
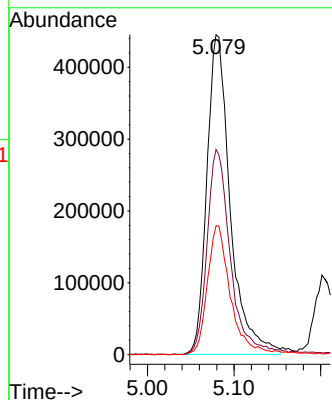
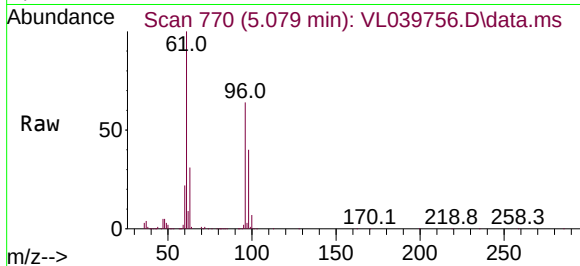




#31
 cis-1,2-Dichloroethene
 Concen: 10.622 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

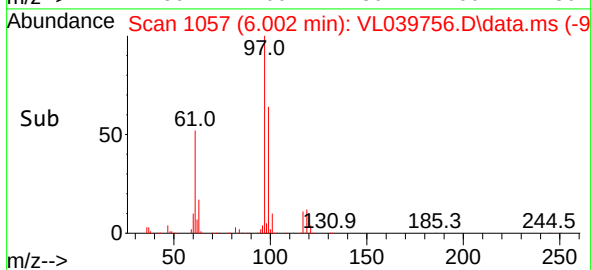
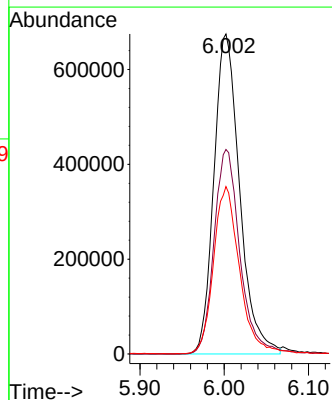
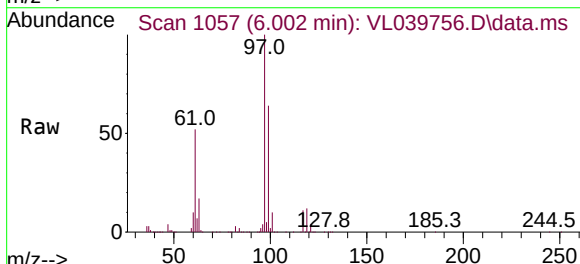
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

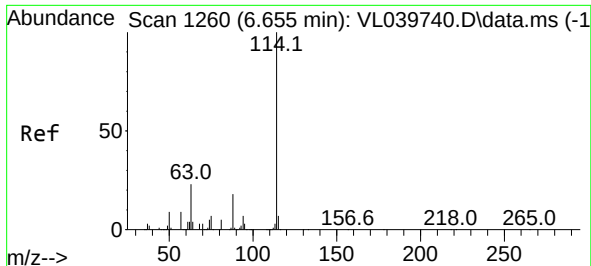
Tgt Ion: 61 Resp: 834707
 Ion Ratio Lower Upper
 61 100
 96 64.1 48.3 72.5
 98 40.3 33.2 49.8



#32
 1,1,1-Trichloroethane
 Concen: 11.771 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 97 Resp: 1434196
 Ion Ratio Lower Upper
 97 100
 99 64.6 53.0 79.4
 61 53.3 43.3 64.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

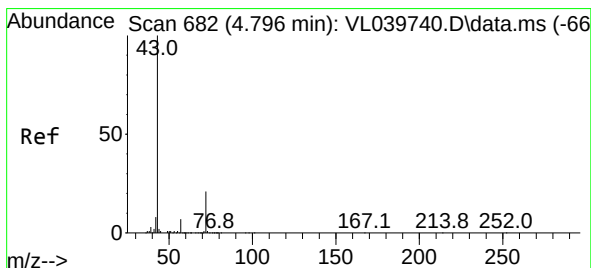
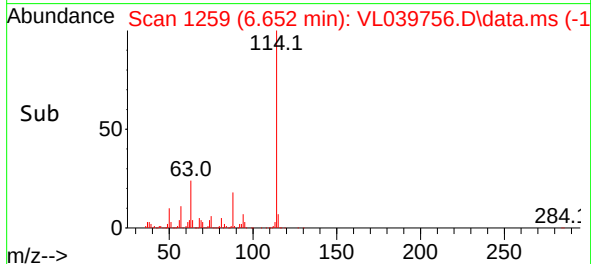
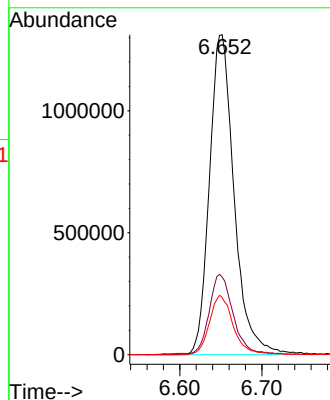
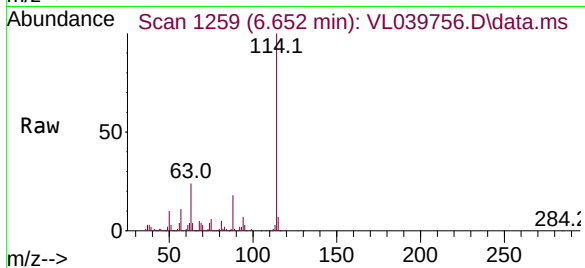
Tgt Ion:114 Resp: 2727459

Ion Ratio Lower Upper

114 100

63 24.9 19.8 29.6

88 18.0 14.2 21.4



#34

2-Butanone

Concen: 9.681 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.006 min

Lab File: VL039756.D

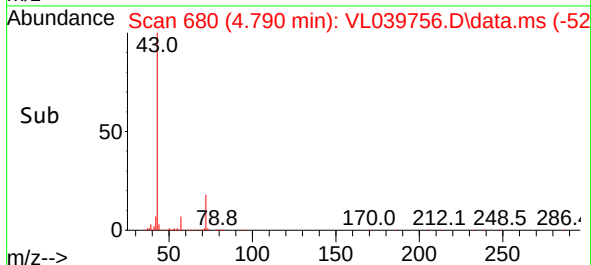
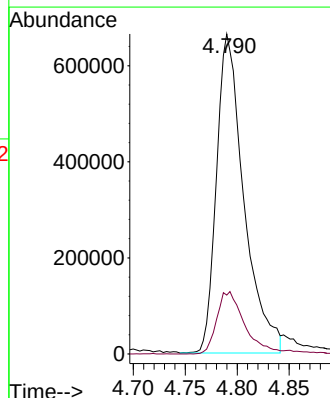
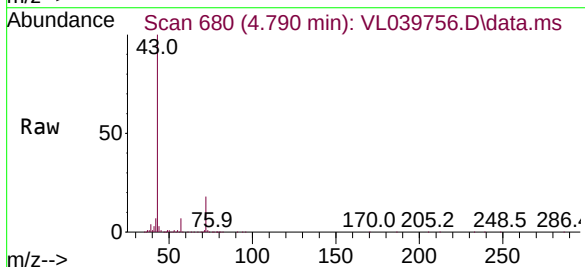
Acq: 21 Oct 2022 23:20

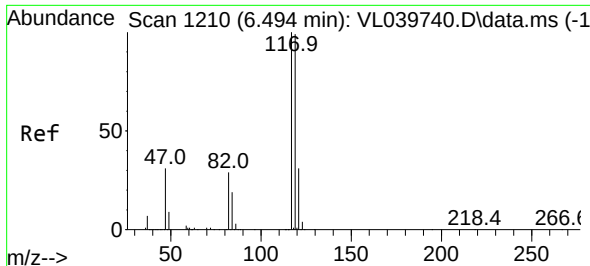
Tgt Ion: 43 Resp: 1217929

Ion Ratio Lower Upper

43 100

72 21.2 17.1 25.7

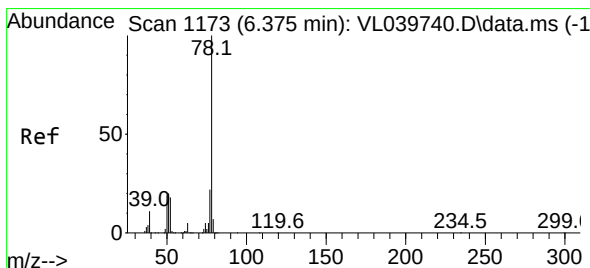
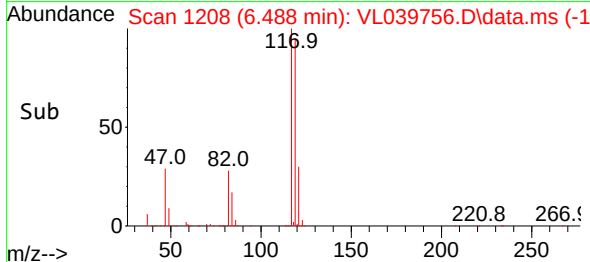
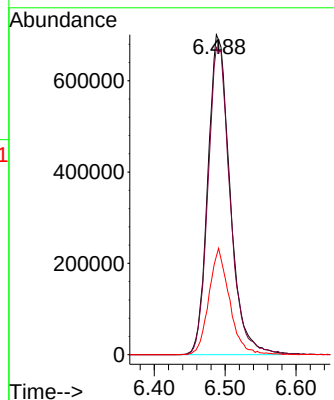
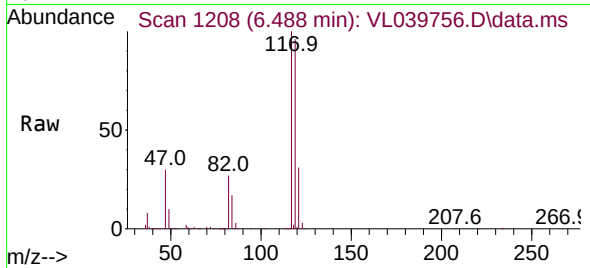




#35
Carbon Tetrachloride
Concen: 10.784 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

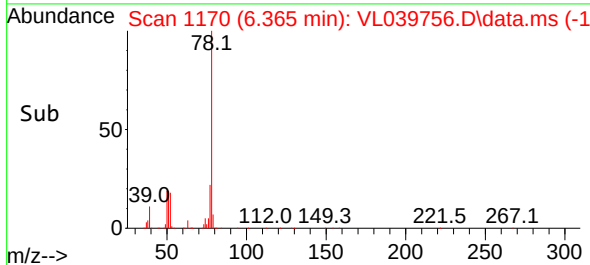
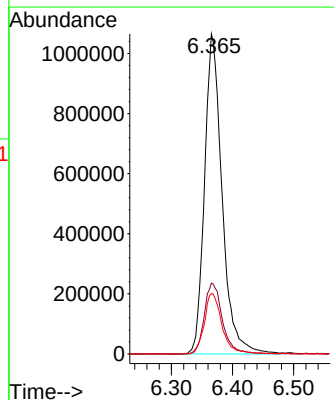
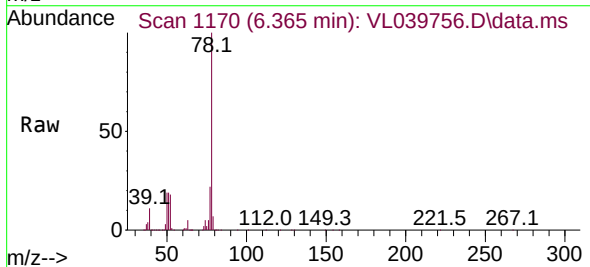
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

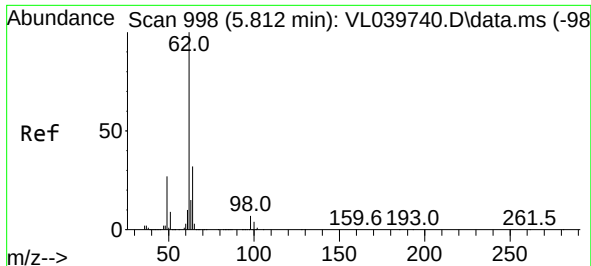
Tgt Ion:117 Resp: 1524370
Ion Ratio Lower Upper
117 100
119 95.9 79.2 118.8
121 30.8 25.0 37.6



#36
Benzene
Concen: 10.321 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 78 Resp: 2124521
Ion Ratio Lower Upper
78 100
77 22.1 17.3 25.9
50 18.9 14.9 22.3

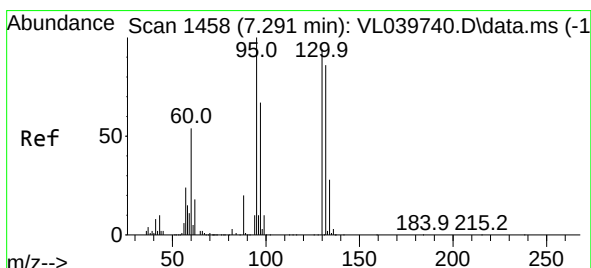
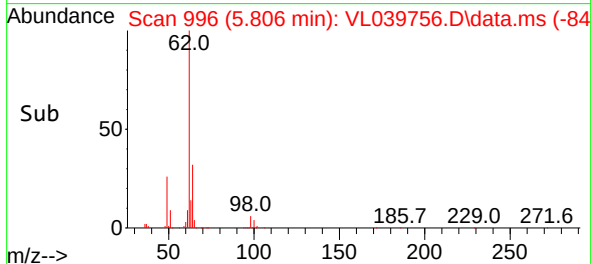
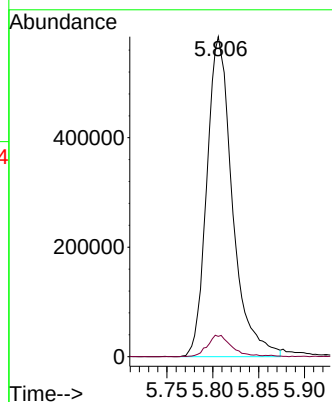
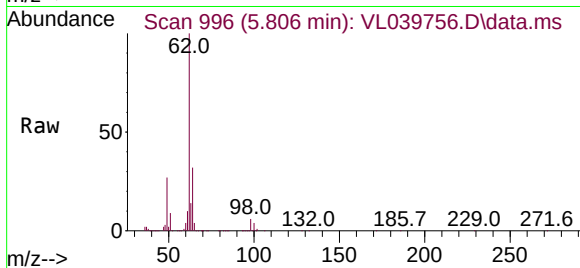




#37
1,2-Dichloroethane
Concen: 10.230 ppbv
RT: 5.806 min Scan# 998
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

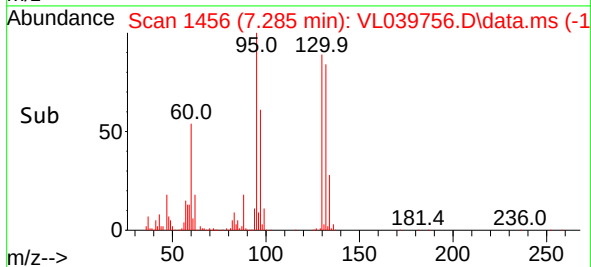
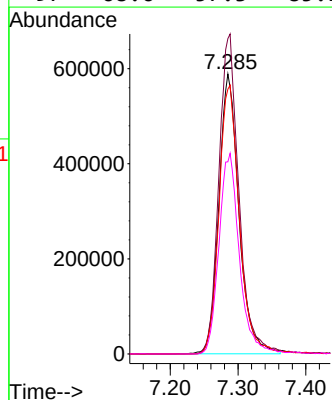
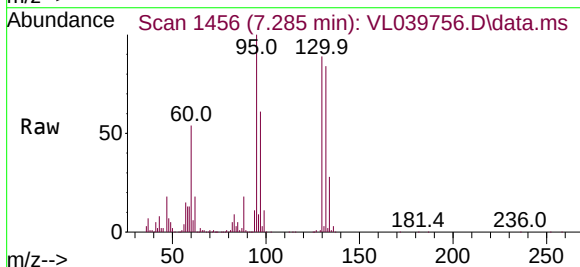
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

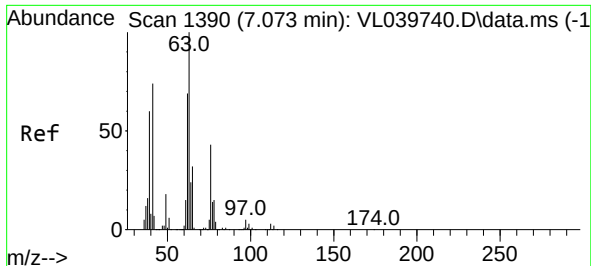
Tgt Ion: 62 Resp: 1134361
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.0



#38
Trichloroethene
Concen: 10.995 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:130 Resp: 1213880
Ion Ratio Lower Upper
130 100
95 112.7 85.4 128.2
132 94.6 73.0 109.6
97 68.6 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.947 ppbv

RT: 7.070 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

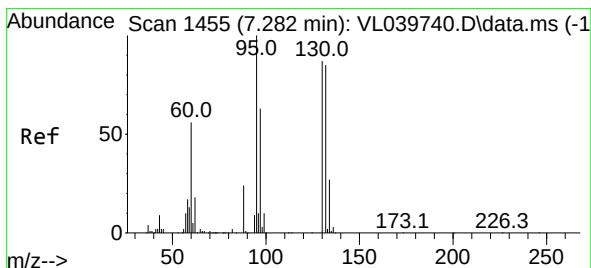
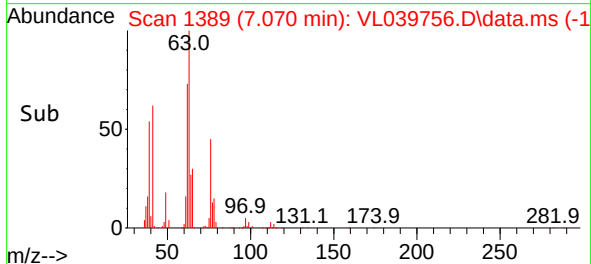
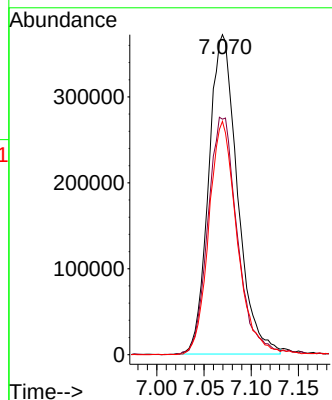
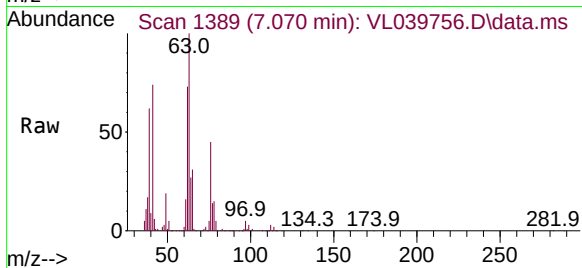
Tgt Ion: 63 Resp: 785396

Ion Ratio Lower Upper

63 100

41 73.6 59.5 89.3

62 72.8 55.2 82.8



#40

1,4-Dioxane

Concen: 9.002 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Tgt Ion: 88 Resp: 272286

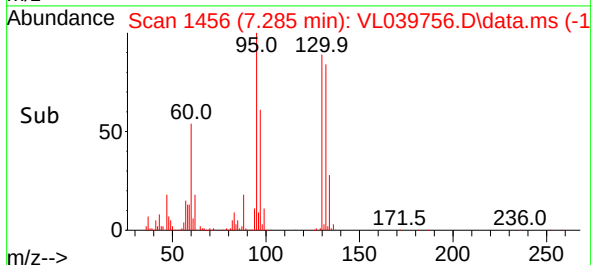
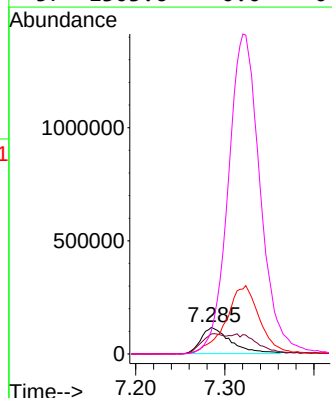
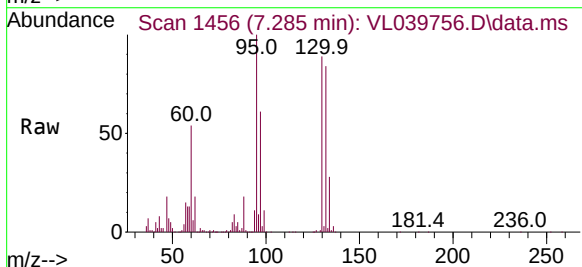
Ion Ratio Lower Upper

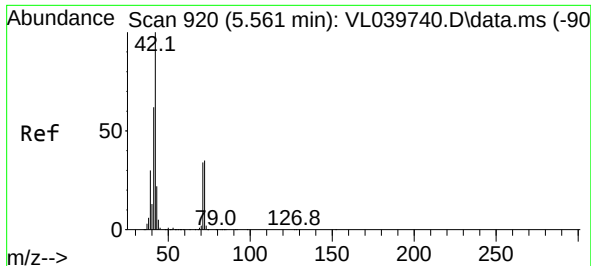
88 100

58 137.2 101.6 152.4

43 293.7 0.0 0.0#

57 1303.6 0.0 0.0#

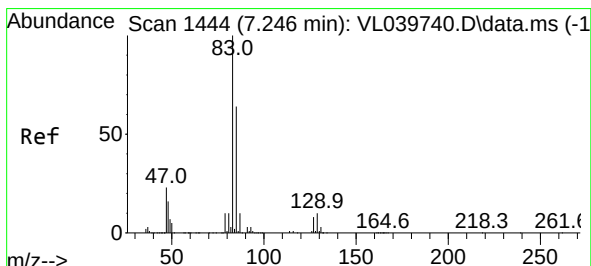
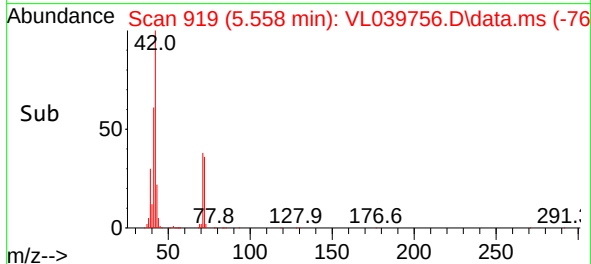
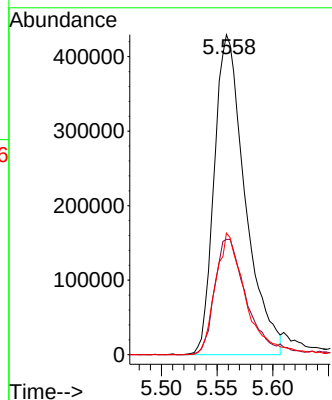
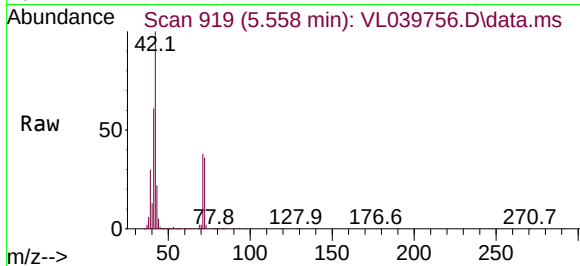




#41
Tetrahydrofuran
Concen: 10.263 ppbv
RT: 5.558 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

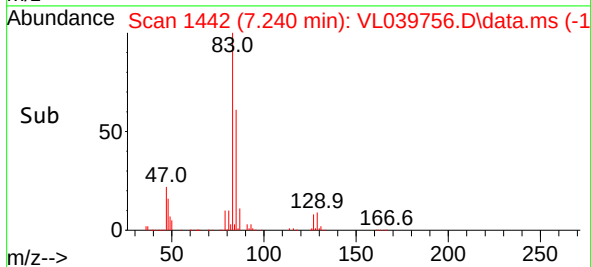
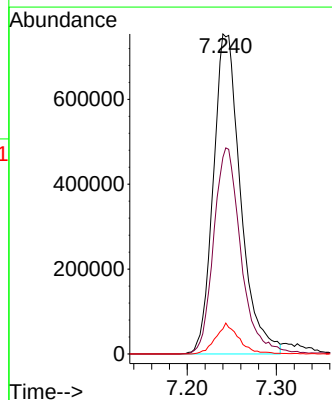
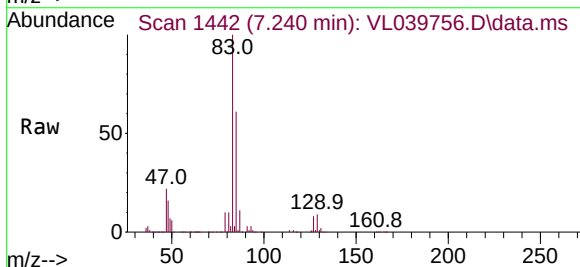
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

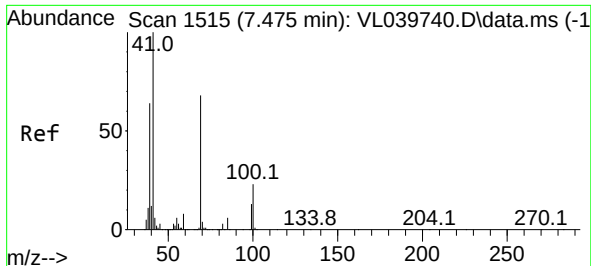
Tgt Ion: 42 Resp: 827815
Ion Ratio Lower Upper
42 100
72 38.8 30.0 45.0
71 38.2 29.3 43.9



#42
Bromodichloromethane
Concen: 10.543 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 83 Resp: 1605489
Ion Ratio Lower Upper
83 100
85 61.5 51.0 76.6
127 7.9 6.5 9.7

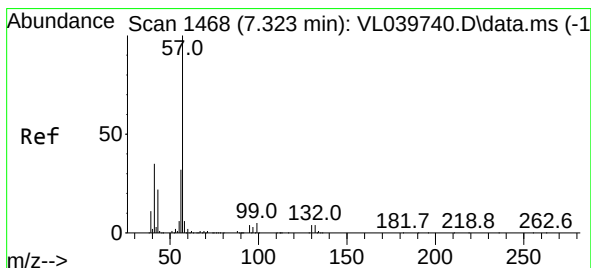
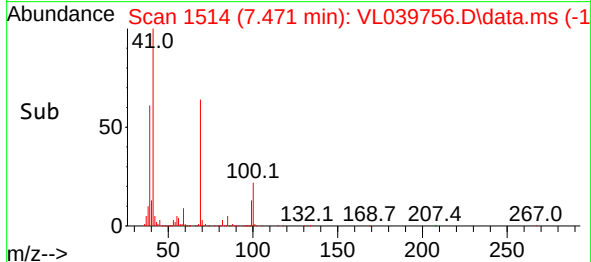
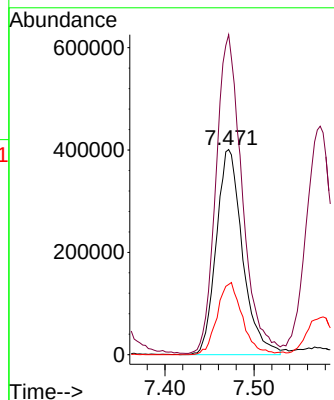
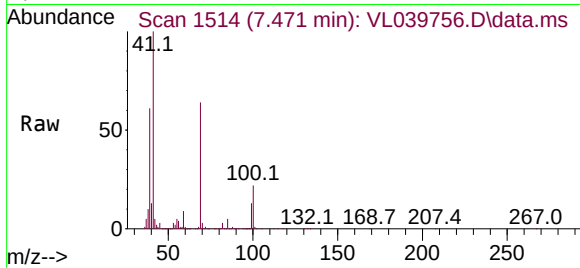




#43
Methyl Methacrylate
Concen: 11.091 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

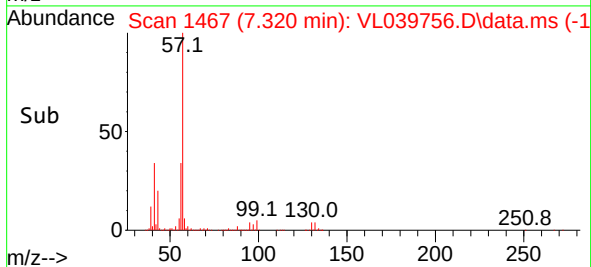
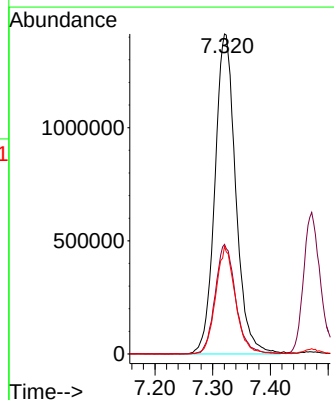
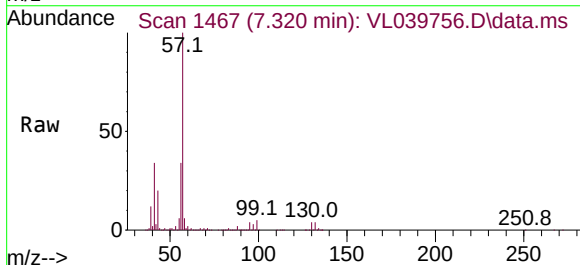
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

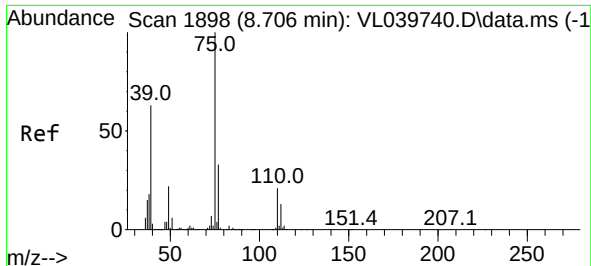
Tgt Ion: 69 Resp: 821289
Ion Ratio Lower Upper
69 100
41 155.5 124.6 186.8
100 34.4 27.5 41.3



#44
2,2,4-Trimethylpentane
Concen: 10.152 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 57 Resp: 3540689
Ion Ratio Lower Upper
57 100
41 33.9 27.1 40.7
56 31.8 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.391 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

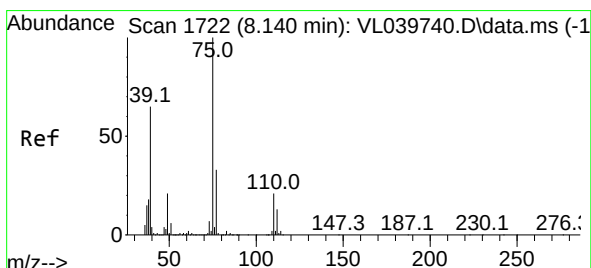
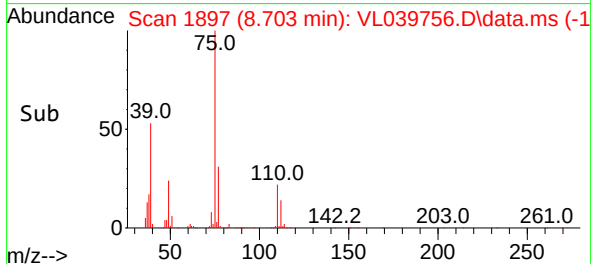
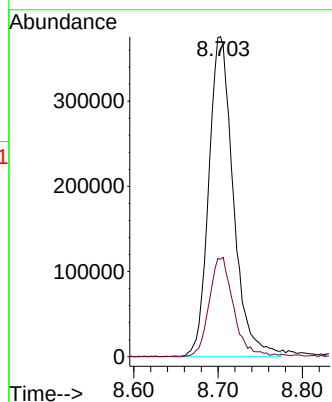
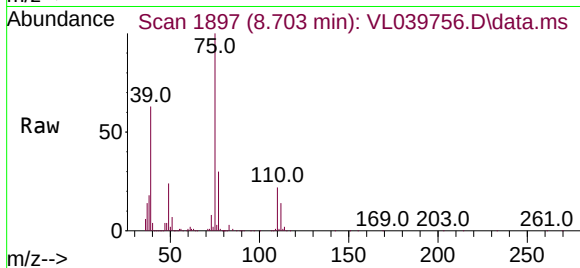
VSTDCCC010EC

Tgt Ion: 75 Resp: 759492

Ion Ratio Lower Upper

75 100

77 30.4 26.6 39.8



#46

cis-1,3-Dichloropropene

Concen: 12.118 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

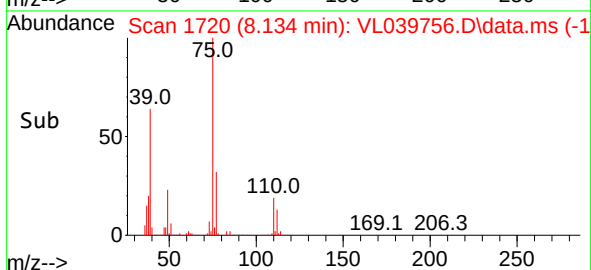
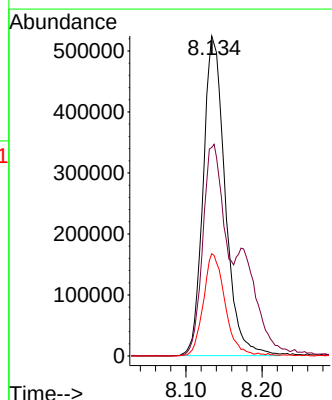
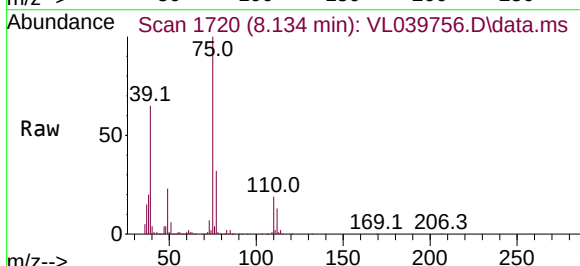
Tgt Ion: 75 Resp: 1052137

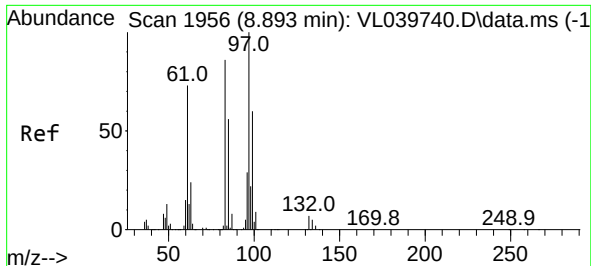
Ion Ratio Lower Upper

75 100

39 65.0 52.2 78.4

77 31.9 26.6 40.0





#47

1,1,2-Trichloroethane

Concen: 10.030 ppbv

RT: 8.893 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 860077

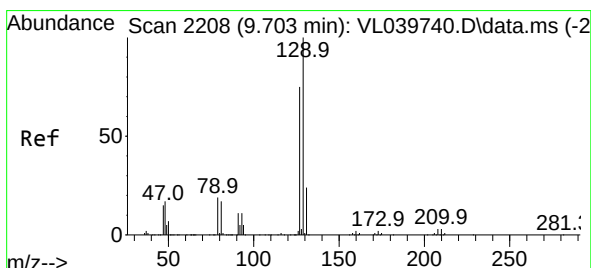
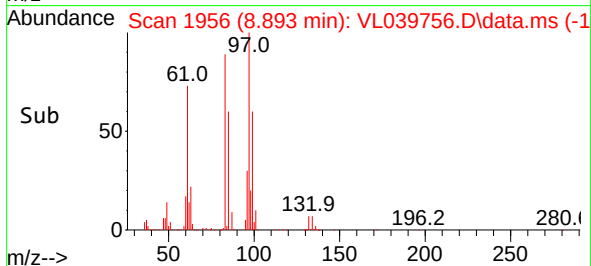
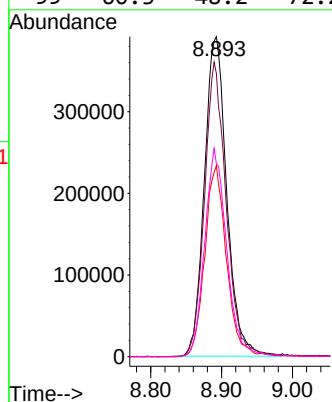
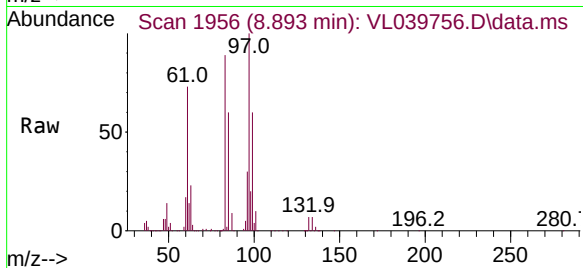
Ion Ratio Lower Upper

97 100

83 88.6 68.8 103.2

85 59.7 44.8 67.2

99 60.3 48.2 72.2



#48

Dibromochloromethane

Concen: 10.981 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VL039756.D

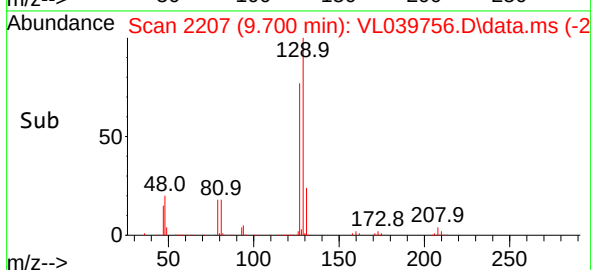
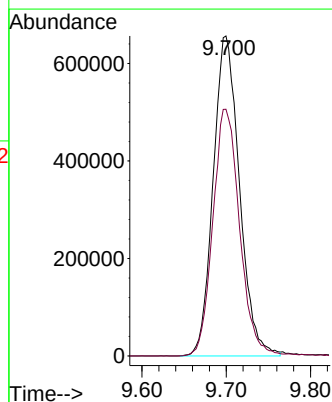
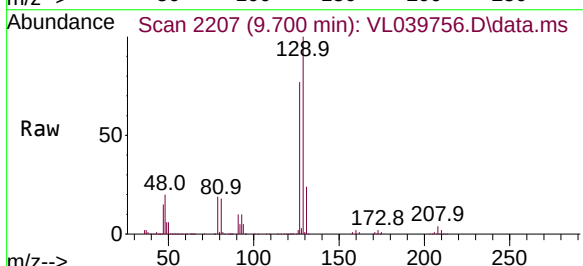
Acq: 21 Oct 2022 23:20

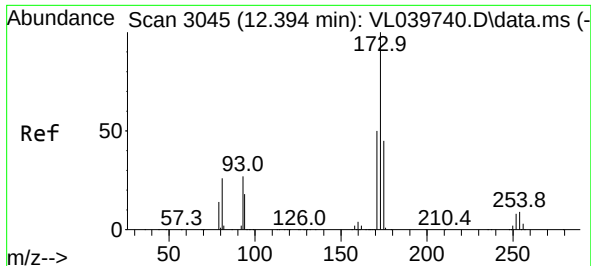
Tgt Ion: 129 Resp: 1420606

Ion Ratio Lower Upper

129 100

127 79.0 38.9 116.6

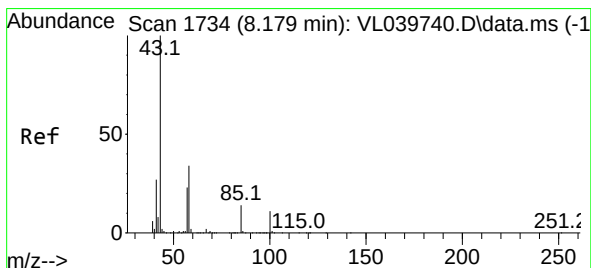
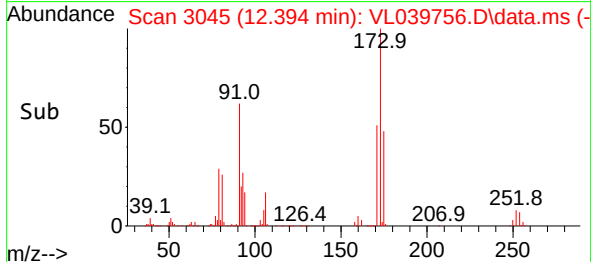
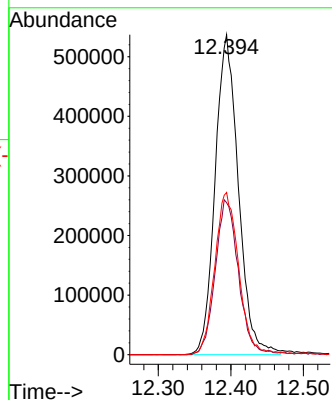
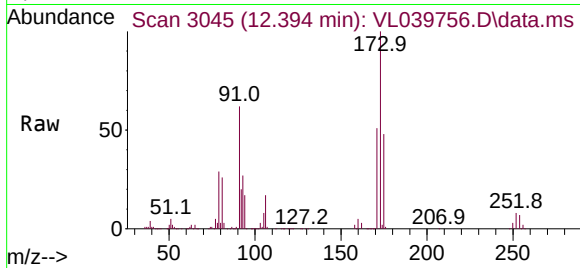




#49
Bromoform
Concen: 11.483 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

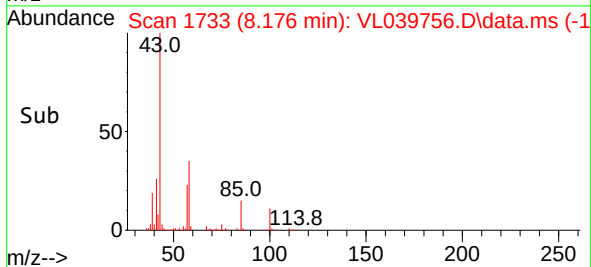
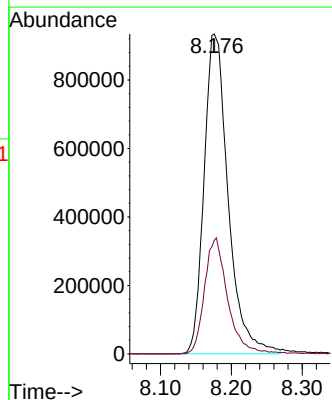
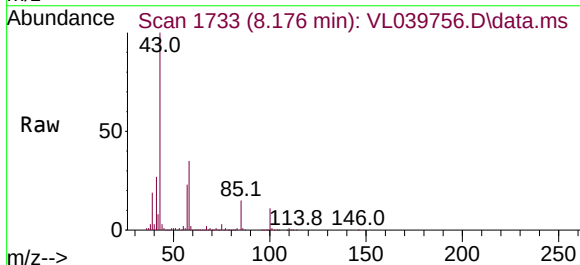
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

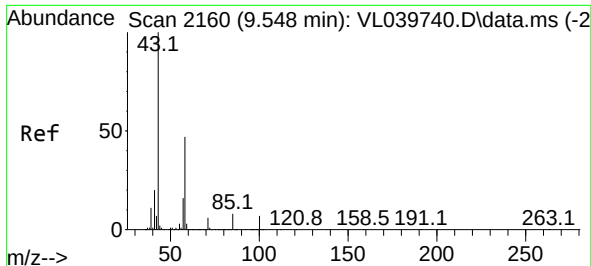
Tgt Ion:173 Resp: 1195899
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.0
171 52.4 41.6 62.4



#50
4-Methyl-2-Pentanone
Concen: 10.755 ppbv
RT: 8.176 min Scan# 1733
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 43 Resp: 2206128
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

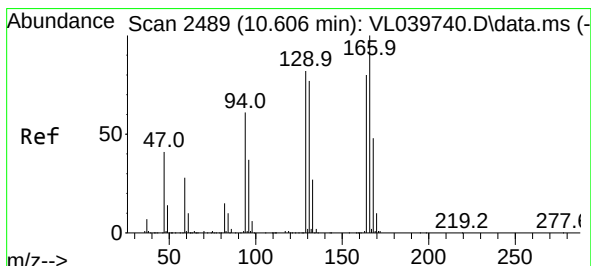
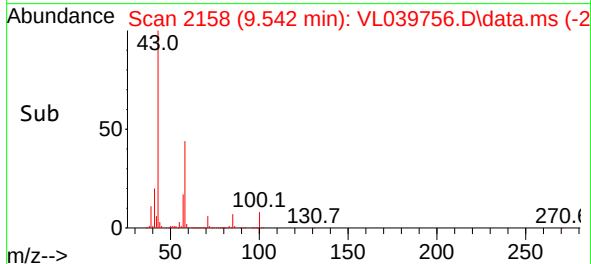
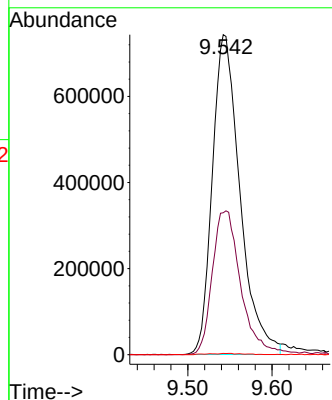
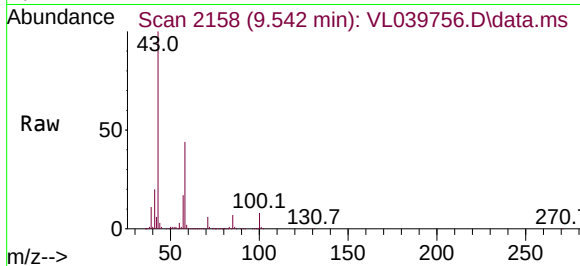




#51
2-Hexanone
Concen: 11.510 ppbv
RT: 9.542 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

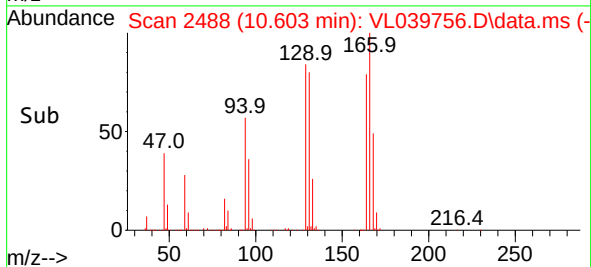
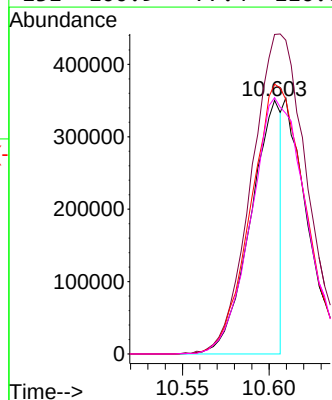
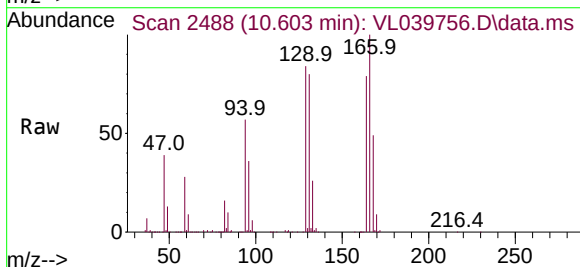
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

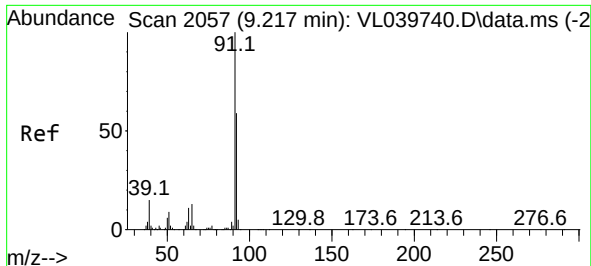
Tgt Ion: 43 Resp: 1692243
Ion Ratio Lower Upper
43 100
58 47.3 37.6 56.4
98 0.5 0.6 0.8#



#52
Tetrachloroethene
Concen: 5.795 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 164 Resp: 430606
Ion Ratio Lower Upper
164 100
166 125.9 100.0 150.0
129 106.2 82.1 123.1
131 100.9 77.4 116.0

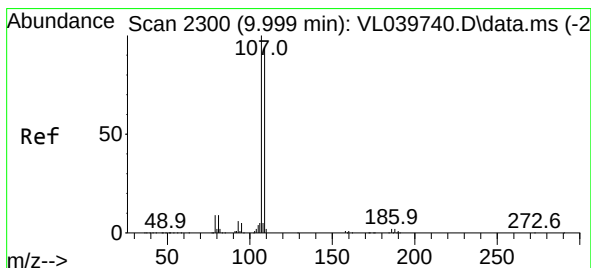
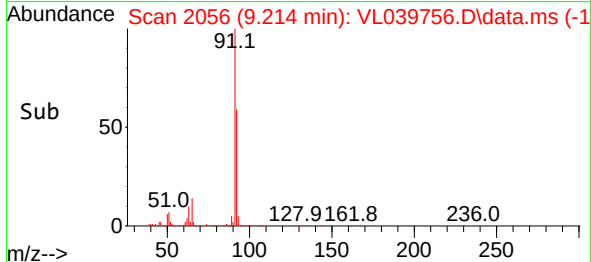
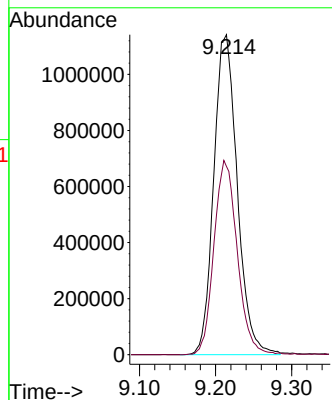
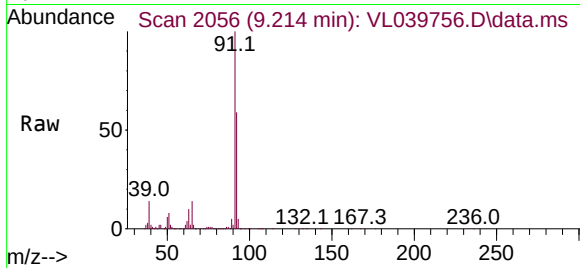




#53
Toluene
Concen: 11.026 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

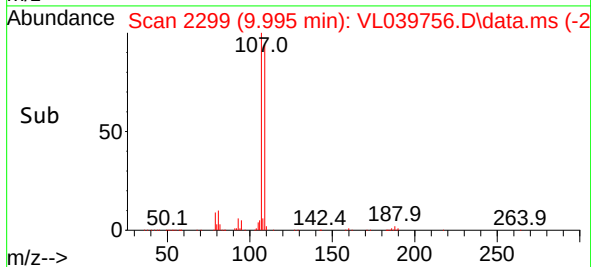
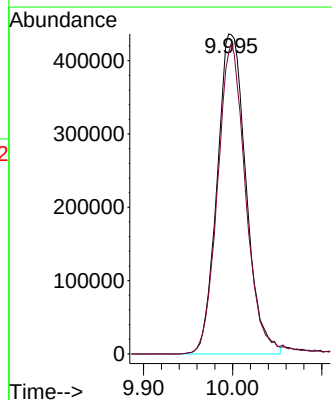
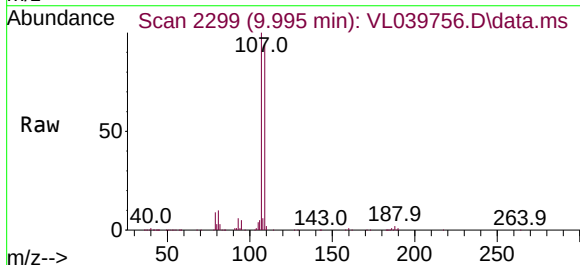
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

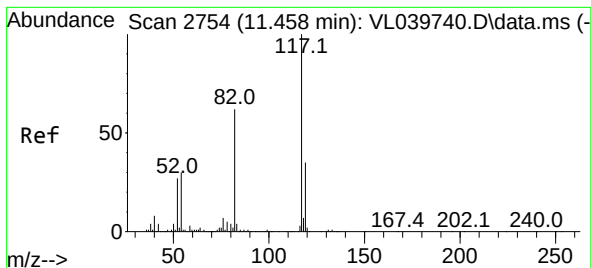
Tgt Ion: 91 Resp: 2450698
Ion Ratio Lower Upper
91 100
92 60.3 47.7 71.5



#54
1,2-Dibromoethane
Concen: 11.392 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 107 Resp: 982364
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

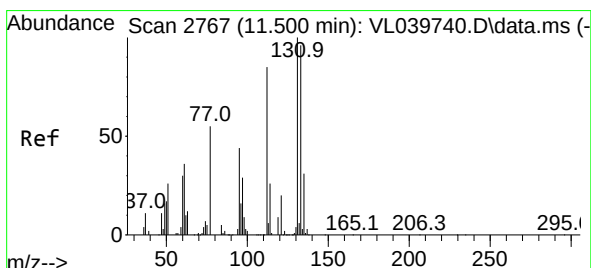
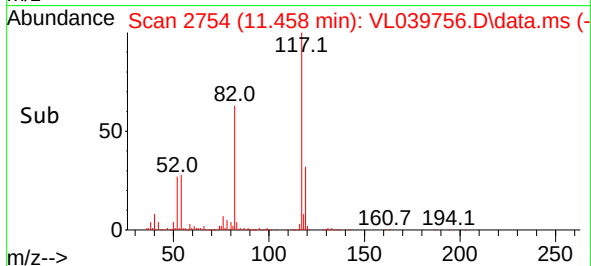
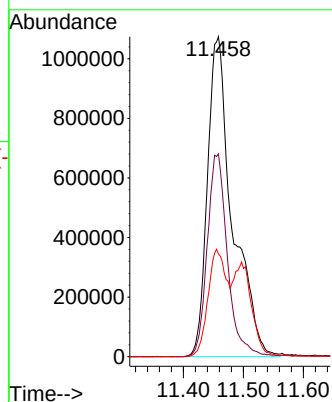
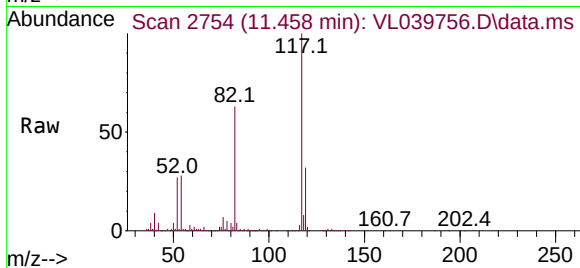




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

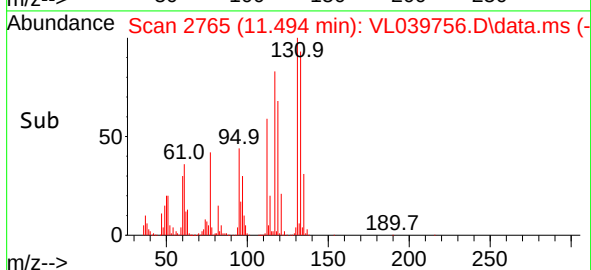
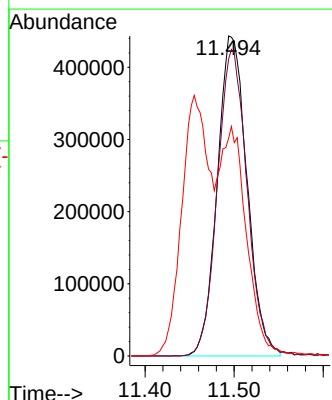
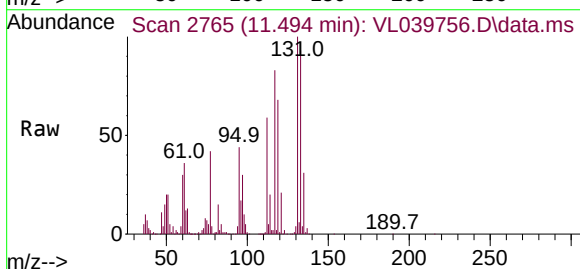
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

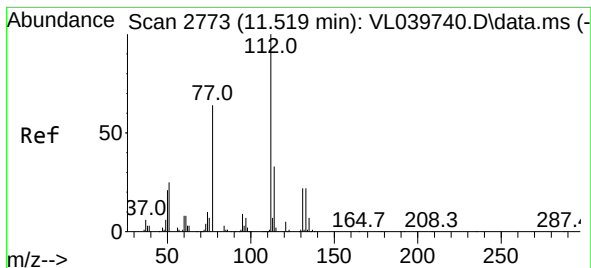
Tgt Ion:117 Resp: 3119385
Ion Ratio Lower Upper
117 100
82 51.7 51.4 77.0
119 23.8 24.6 36.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.121 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:131 Resp: 1028132
Ion Ratio Lower Upper
131 100
133 96.0 77.2 115.8
119 62.0 55.5 83.3

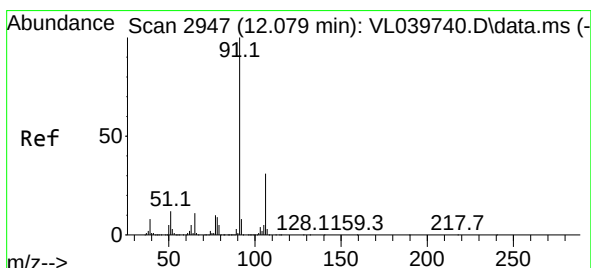
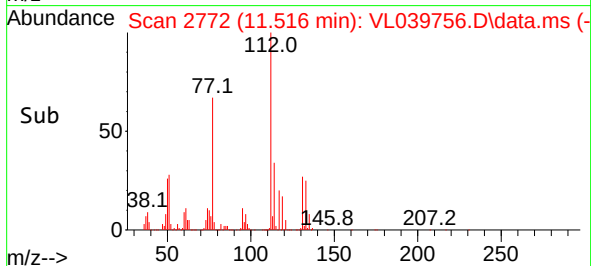
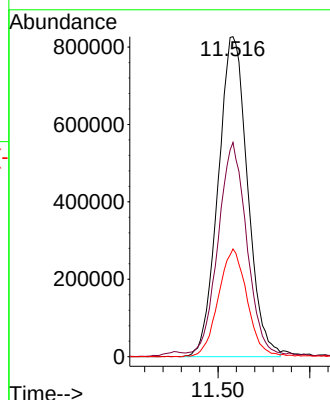
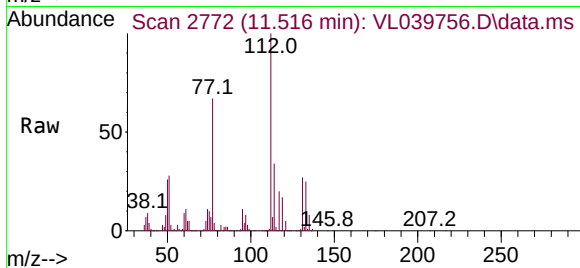




#57
Chlorobenzene
Concen: 8.049 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

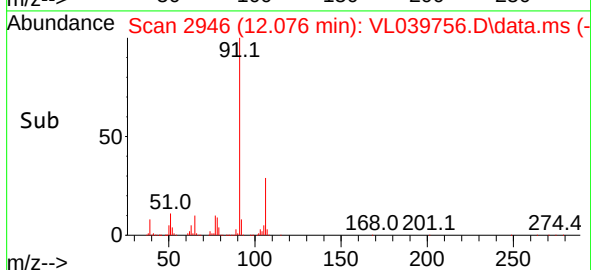
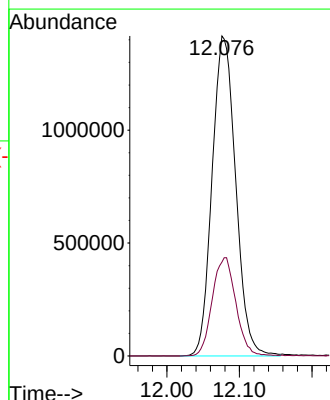
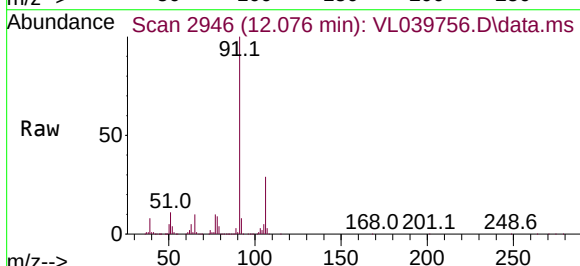
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

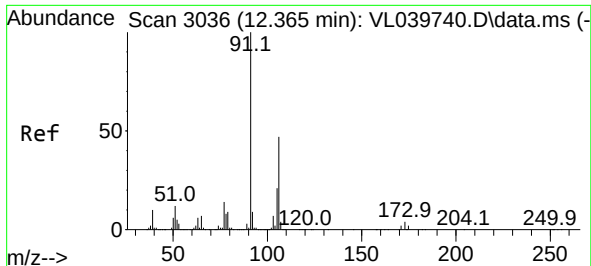
Tgt Ion:112 Resp: 1842109
Ion Ratio Lower Upper
112 100
77 65.7 51.4 77.2
114 33.7 30.0 36.6



#58
Ethyl Benzene
Concen: 8.879 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 91 Resp: 3199053
Ion Ratio Lower Upper
91 100
106 29.4 24.6 36.8





#59

m/p-Xylene

Concen: 5.673 ppbv

RT: 12.365 min Scan# 3036

Delta R.T. 0.000 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

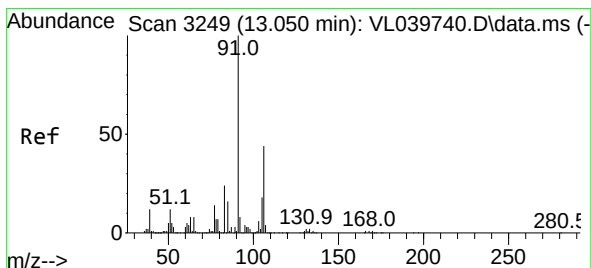
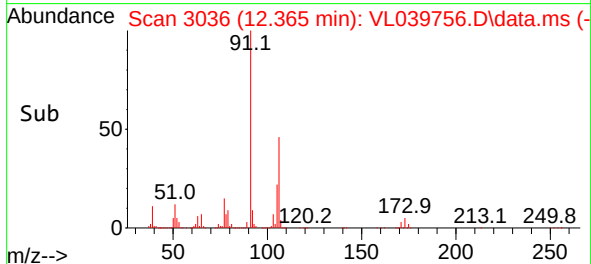
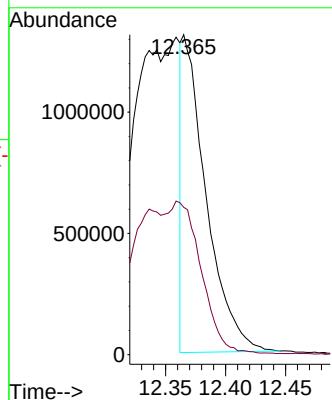
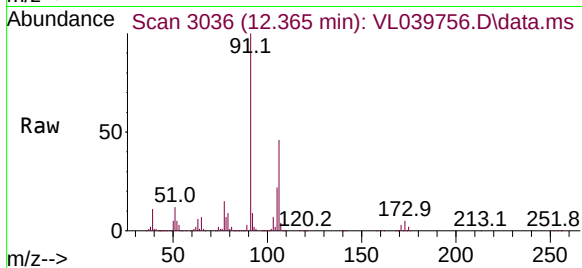
VSTDCCC010EC

Tgt Ion: 91 Resp: 1806448

Ion Ratio Lower Upper

91 100

106 0.0 36.2 54.4#



#60

o-Xylene

Concen: 8.560 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VL039756.D

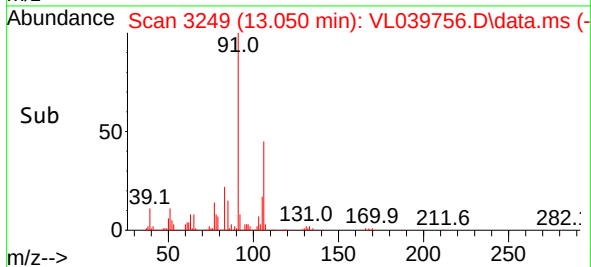
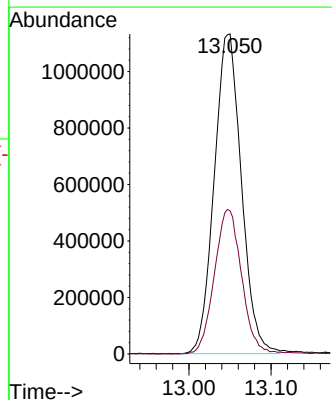
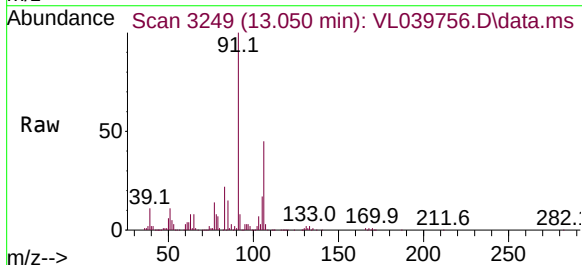
Acq: 21 Oct 2022 23:20

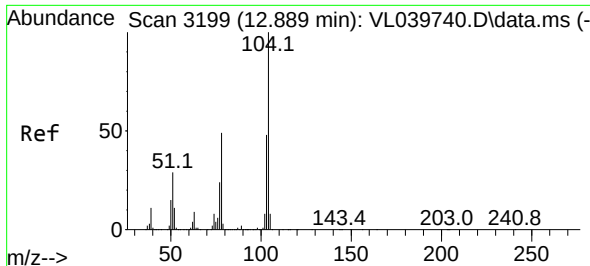
Tgt Ion: 91 Resp: 2607487

Ion Ratio Lower Upper

91 100

106 45.5 22.4 67.0

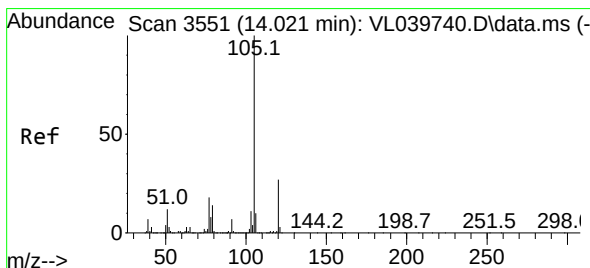
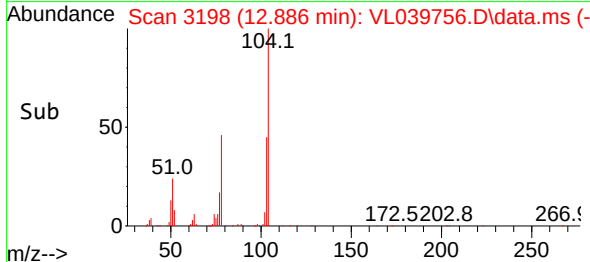
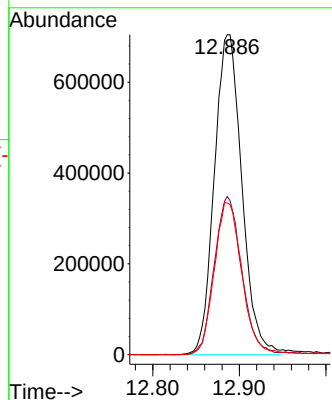
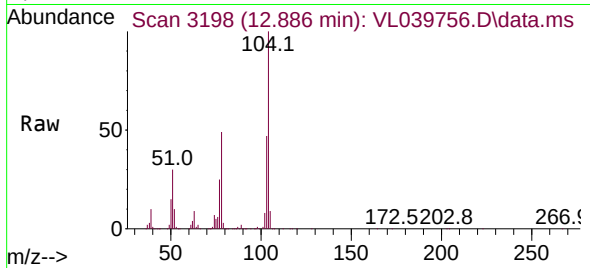




#61
Styrene
Concen: 9.757 ppbv
RT: 12.886 min Scan# 3199
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

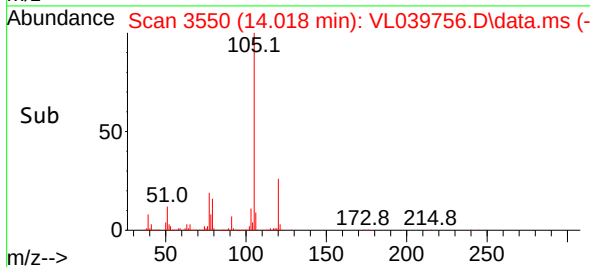
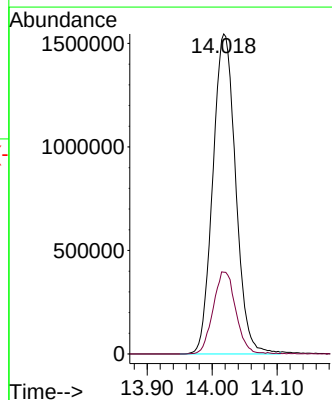
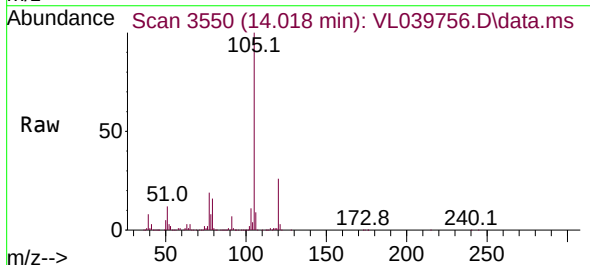
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

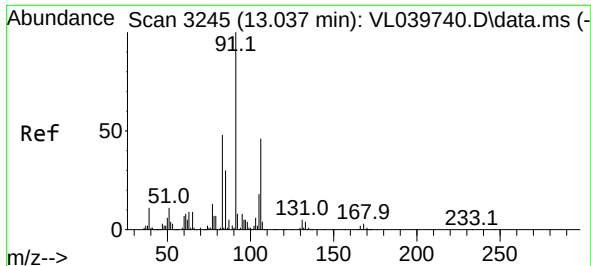
Tgt Ion:104 Resp: 1555048
Ion Ratio Lower Upper
104 100
78 49.7 39.6 59.4
103 48.4 38.1 57.1



#62
Isopropylbenzene
Concen: 8.313 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:105 Resp: 3771642
Ion Ratio Lower Upper
105 100
120 25.5 20.2 30.4

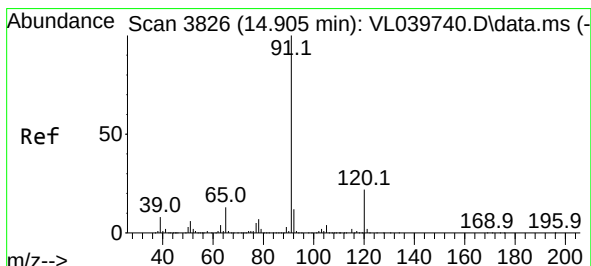
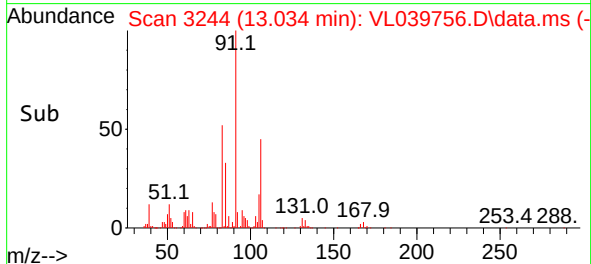
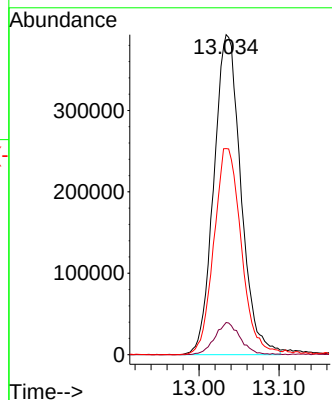
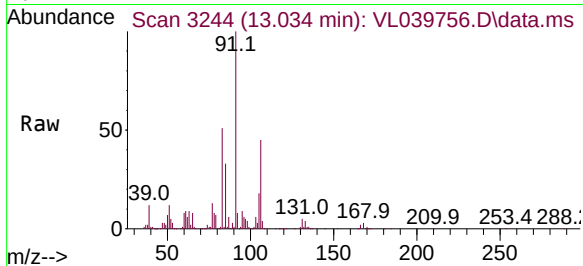




#63
1,1,2,2-Tetrachloroethane
Concen: 7.938 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

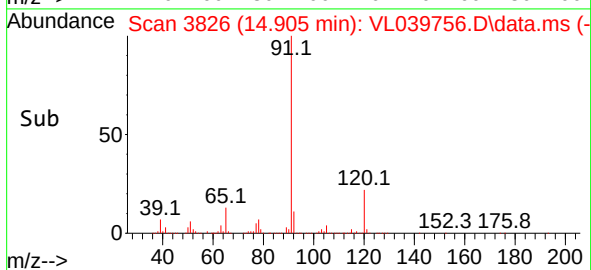
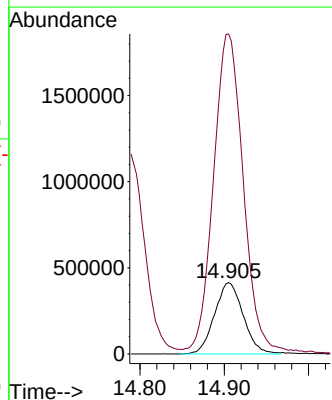
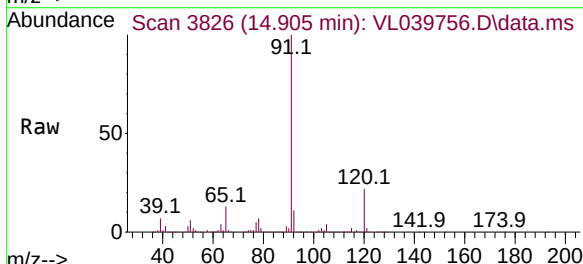
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

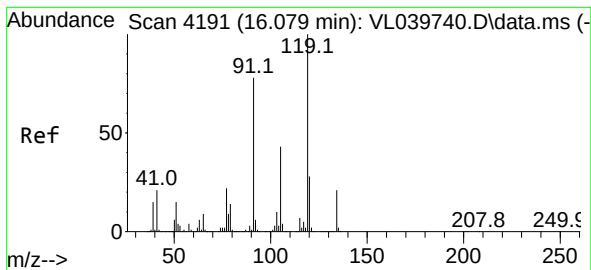
Tgt Ion: 83 Resp: 924132
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 66.6 32.8 98.4



#64
n-propylbenzene
Concen: 8.569 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 120 Resp: 976746
Ion Ratio Lower Upper
120 100
91 472.4 376.2 564.2

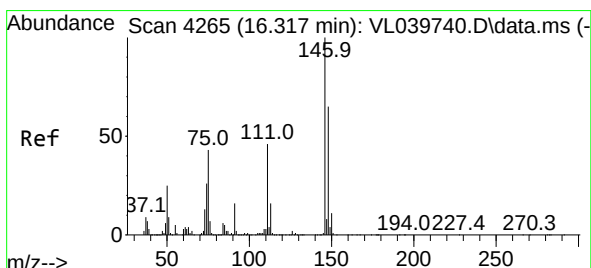
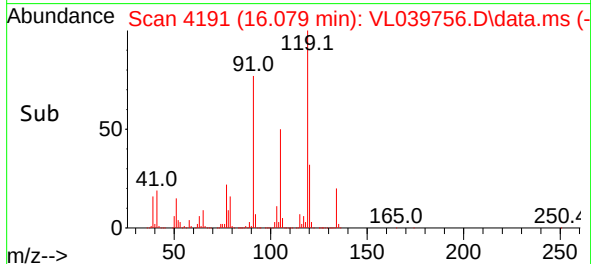
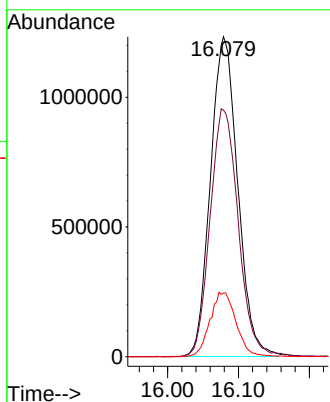
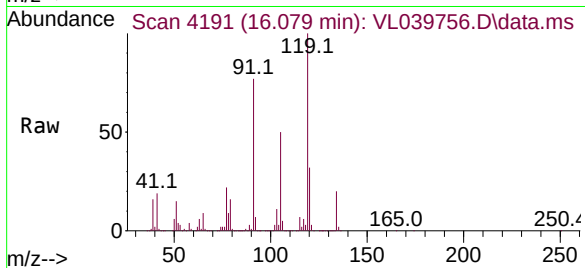




#65
tert-Butylbenzene
Concen: 8.297 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

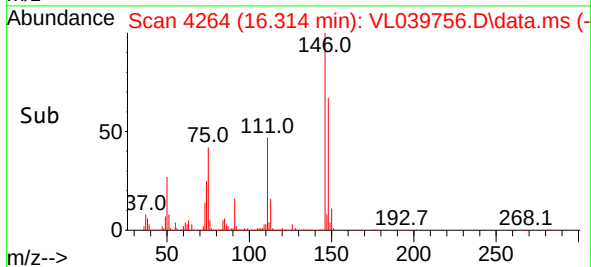
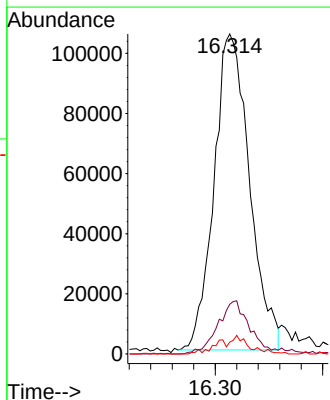
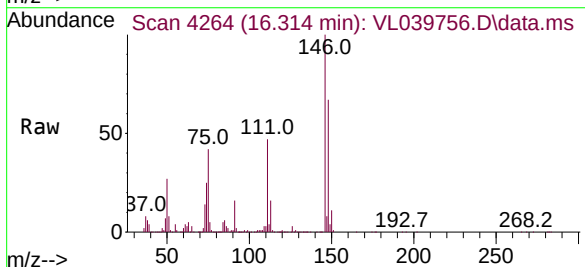
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

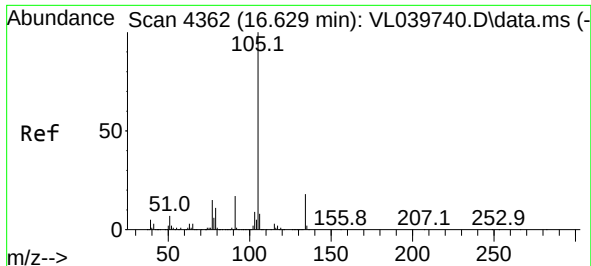
Tgt Ion:119 Resp: 3297730
Ion Ratio Lower Upper
119 100
91 79.9 64.2 96.2
134 19.3 15.5 23.3



#66
Benzyl Chloride
Concen: 8.675 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 91 Resp: 240932
Ion Ratio Lower Upper
91 100
126 16.1 12.6 18.8
128 4.9 4.2 6.2

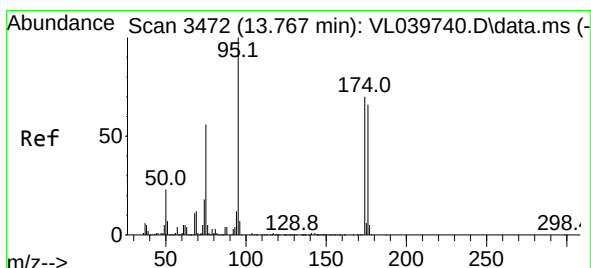
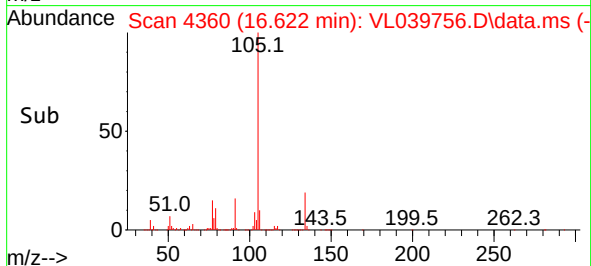
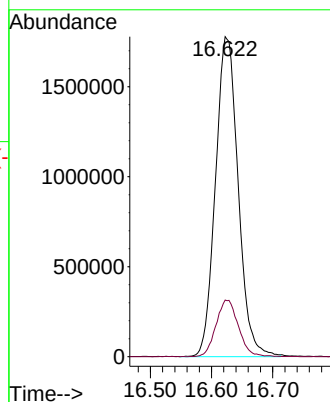
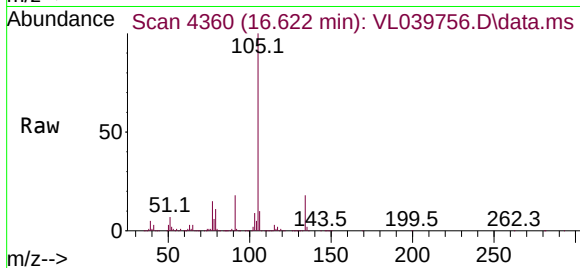




#67
 sec-Butylbenzene
 Concen: 8.338 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

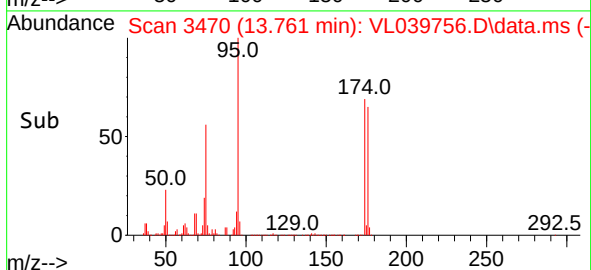
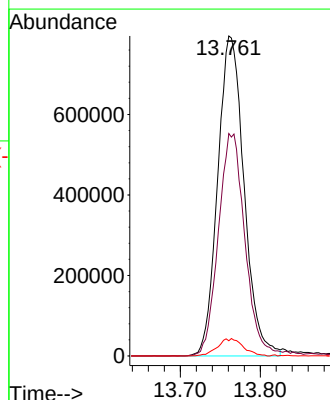
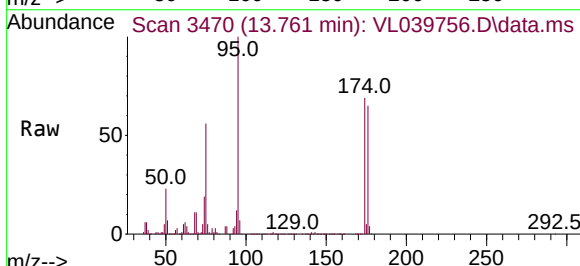
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

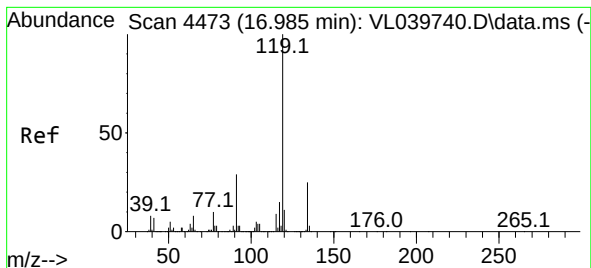
Tgt Ion:105 Resp: 4585391
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.216 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.006 min
 Lab File: VL039756.D
 Acq: 21 Oct 2022 23:20

Tgt Ion: 95 Resp: 1819213
 Ion Ratio Lower Upper
 95 100
 174 71.6 56.5 84.7
 175 5.5 4.2 6.4

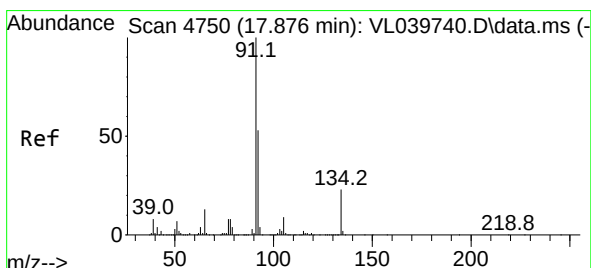
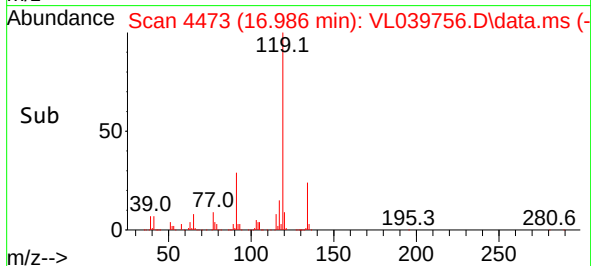
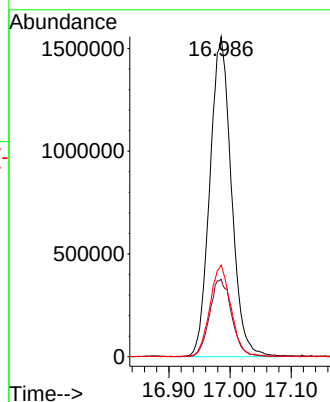
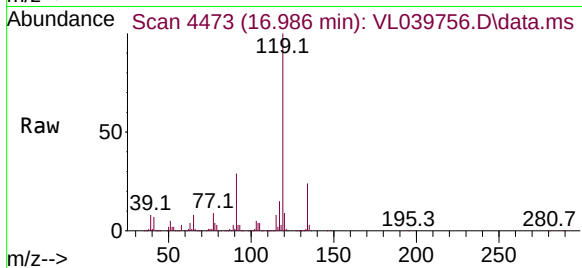




#69
p-Isopropyltoluene
Concen: 8.589 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

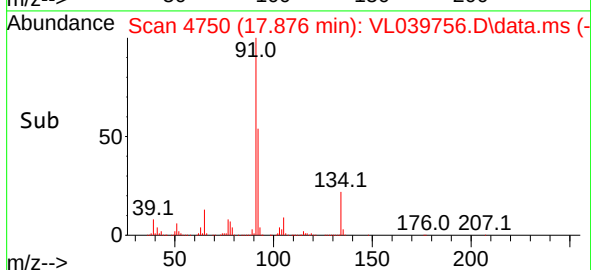
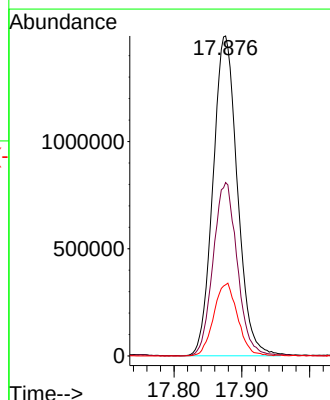
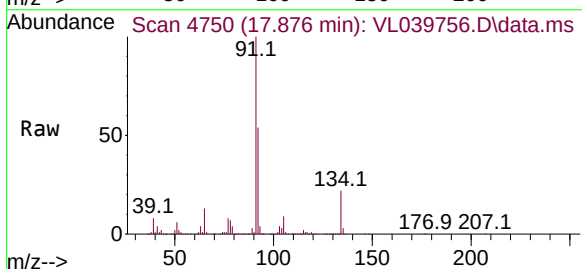
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

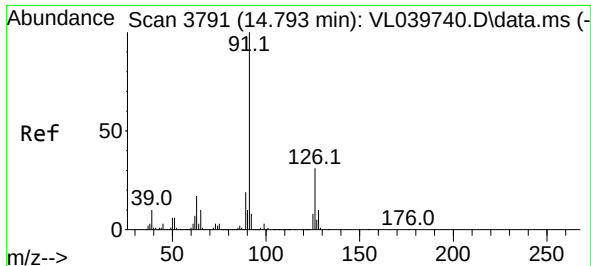
Tgt Ion:119 Resp: 3806408
Ion Ratio Lower Upper
119 100
134 24.9 19.8 29.8
91 28.1 22.7 34.1



#70
n-Butylbenzene
Concen: 8.740 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 91 Resp: 3727638
Ion Ratio Lower Upper
91 100
92 53.9 43.3 64.9
134 22.5 18.4 27.6

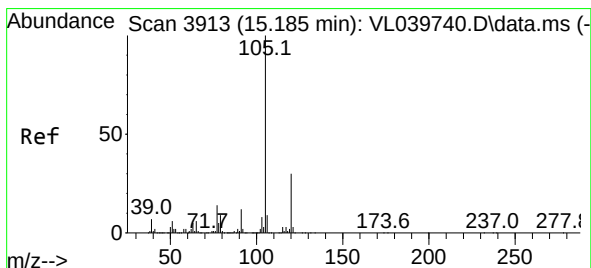
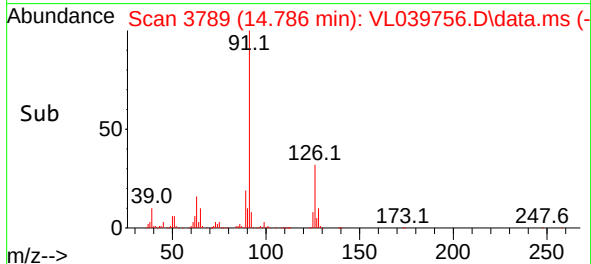
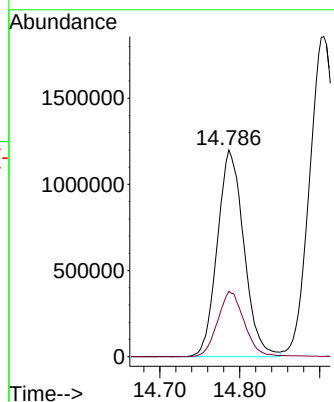
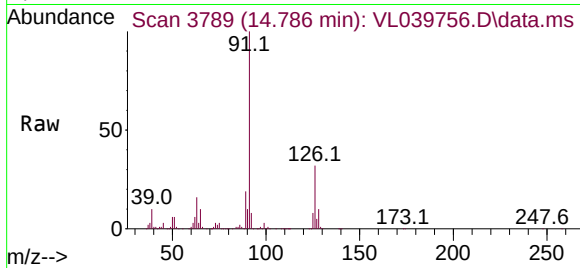




#71
2-Chlorotoluene
Concen: 8.571 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

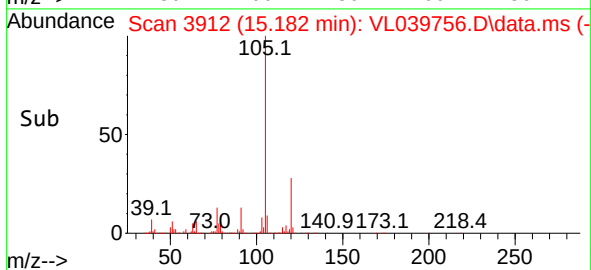
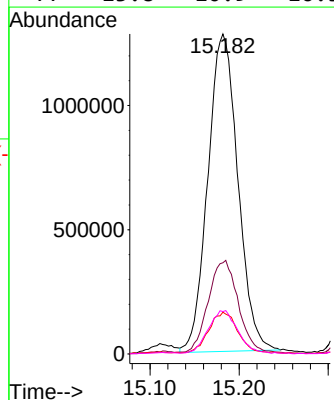
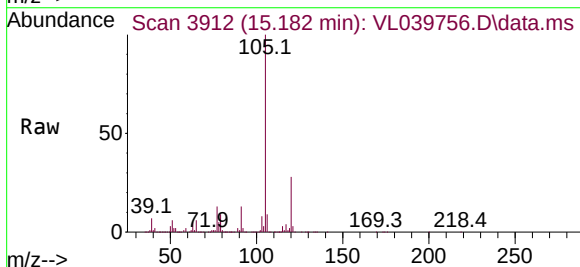
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

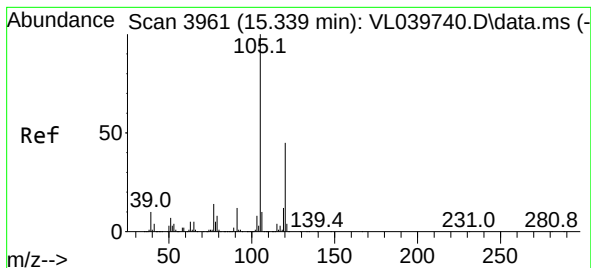
Tgt Ion: 91 Resp: 2767363
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.7



#72
4-Ethyltoluene
Concen: 8.814 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.003 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion: 105 Resp: 2996629
Ion Ratio Lower Upper
105 100
120 31.0 23.9 35.9
91 13.0 10.3 15.5
77 13.8 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 8.542 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. 0.000 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

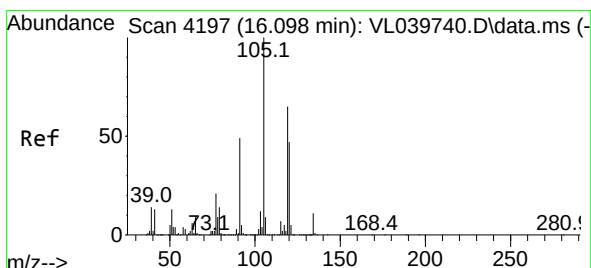
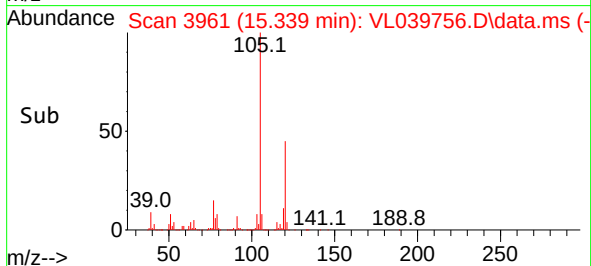
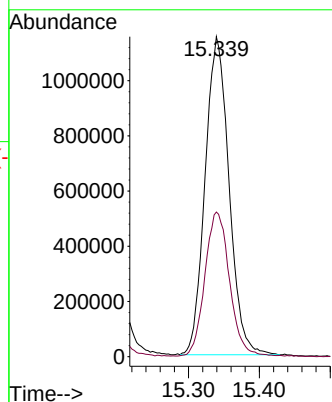
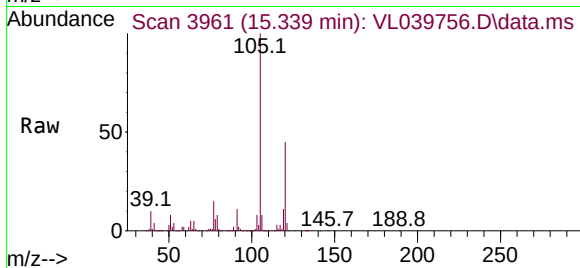
VSTDCCC010EC

Tgt Ion:105 Resp: 2703537

Ion Ratio Lower Upper

105 100

120 45.2 35.6 53.4



#74

1,2,4-Trimethylbenzene

Concen: 8.273 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.003 min

Lab File: VL039756.D

Acq: 21 Oct 2022 23:20

Tgt Ion:105 Resp: 2876351

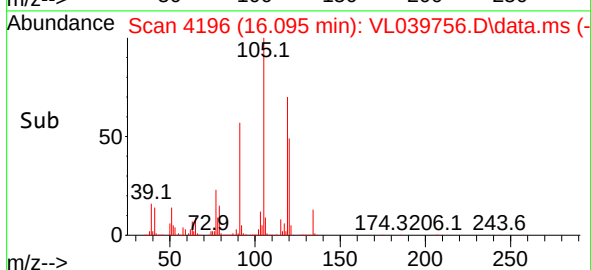
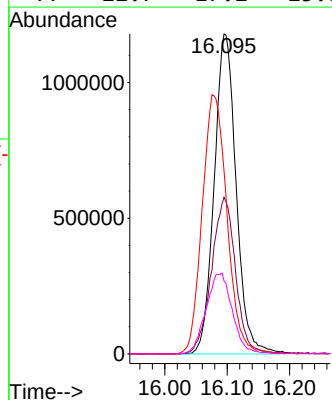
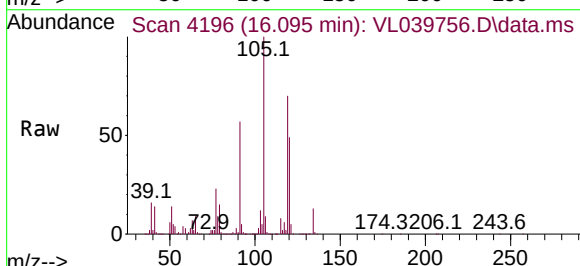
Ion Ratio Lower Upper

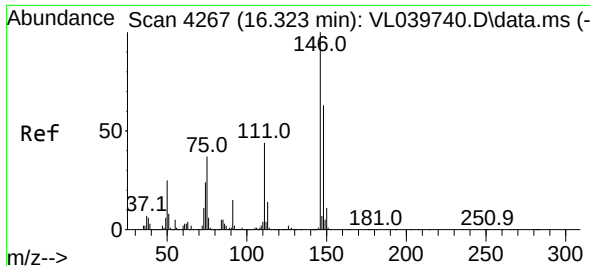
105 100

120 48.9 37.6 56.4

91 56.8 40.1 60.1

77 22.7 17.2 25.8

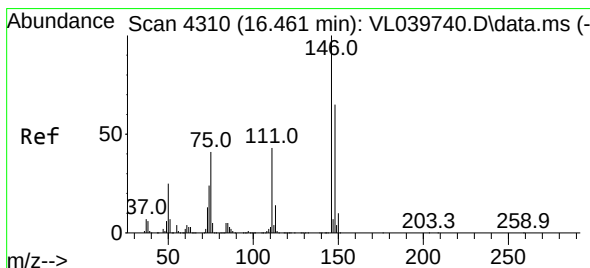
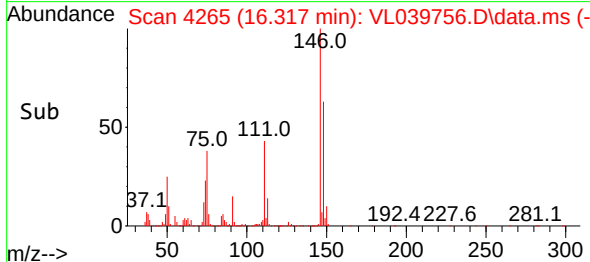
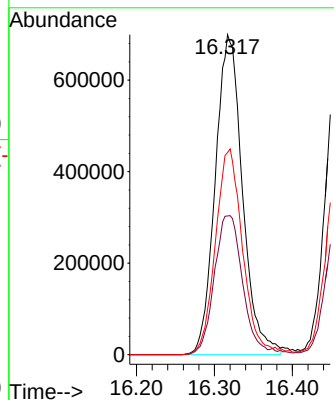
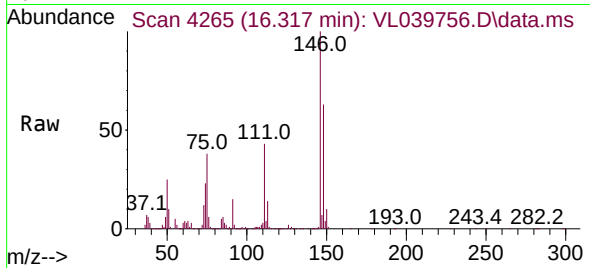




#75
1,3-Dichlorobenzene
Concen: 8.144 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

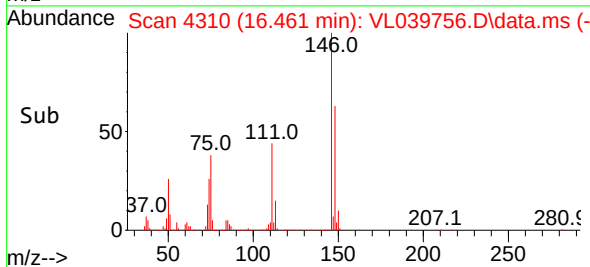
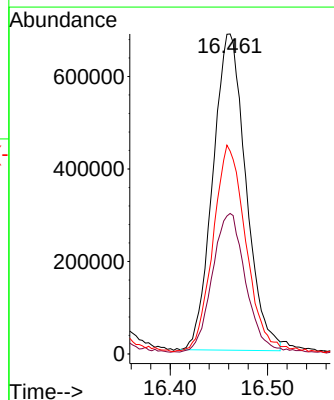
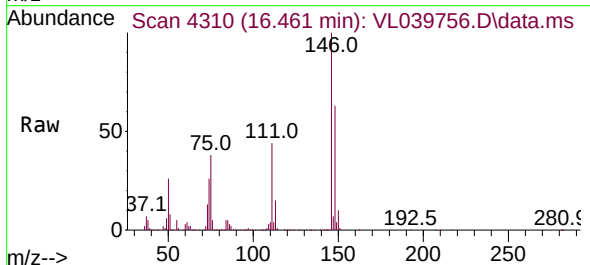
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

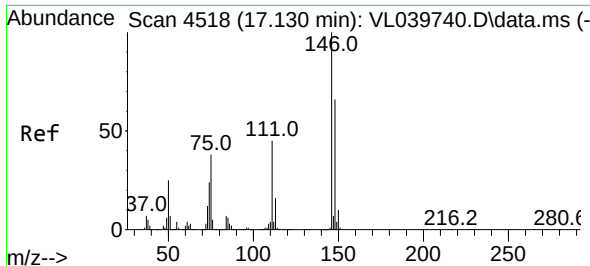
Tgt Ion:146 Resp: 1695611
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 64.6 32.6 97.7



#76
1,4-Dichlorobenzene
Concen: 7.917 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:146 Resp: 1610376
Ion Ratio Lower Upper
146 100
111 46.0 22.1 66.5
148 68.4 33.2 99.6

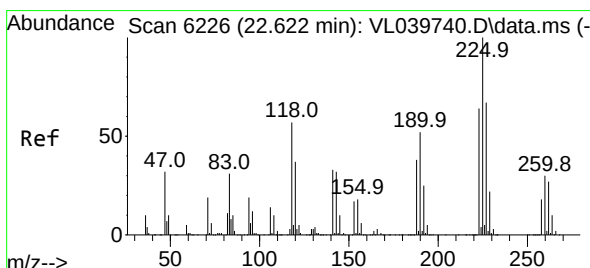
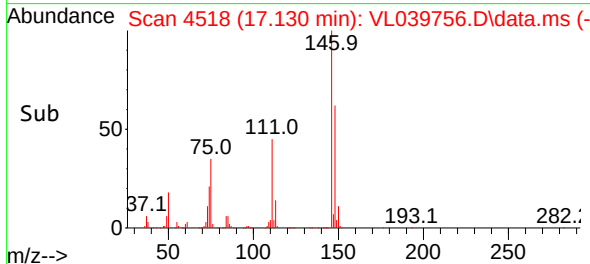
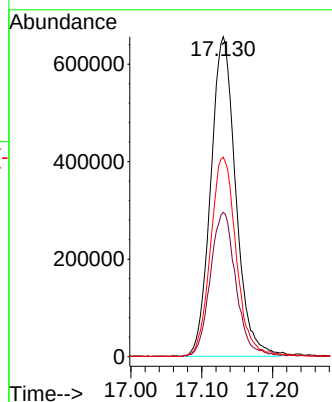
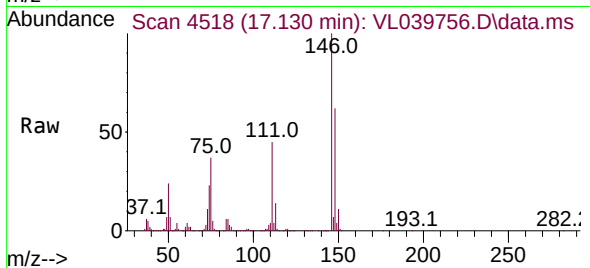




#77
1,2-Dichlorobenzene
Concen: 7.935 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

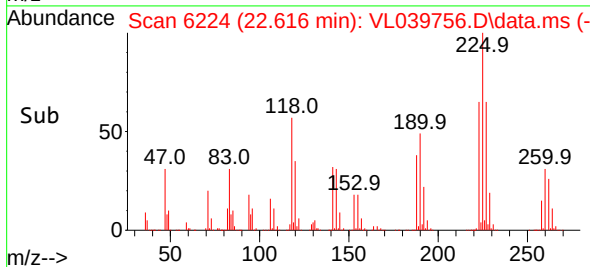
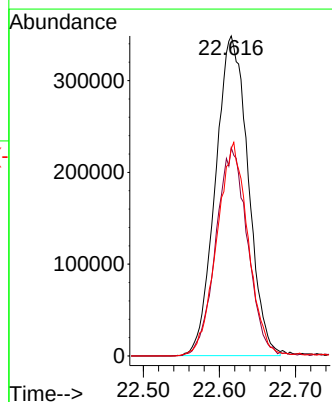
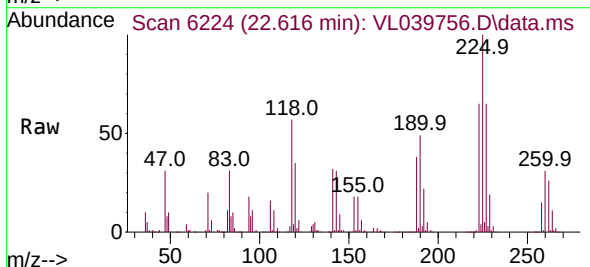
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010EC

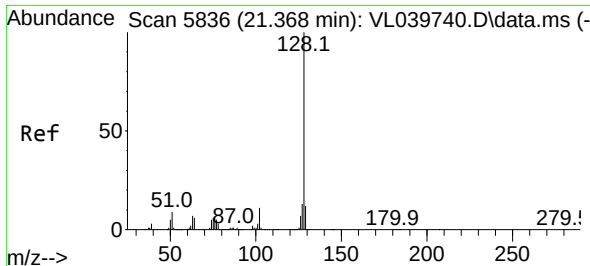
Tgt Ion:146 Resp: 1605722
Ion Ratio Lower Upper
146 100
111 46.5 23.6 70.8
148 64.6 32.8 98.3



#78
Hexachloro-1,3-Butadiene
Concen: 7.103 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:225 Resp: 1038639
Ion Ratio Lower Upper
225 100
223 63.4 52.4 78.6
227 64.3 52.7 79.1

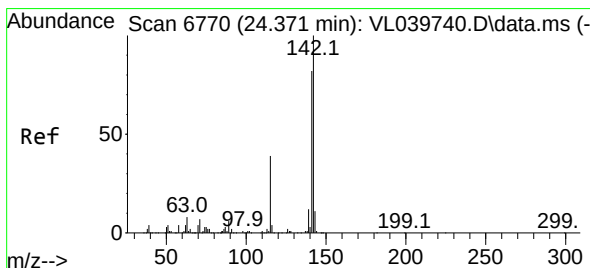
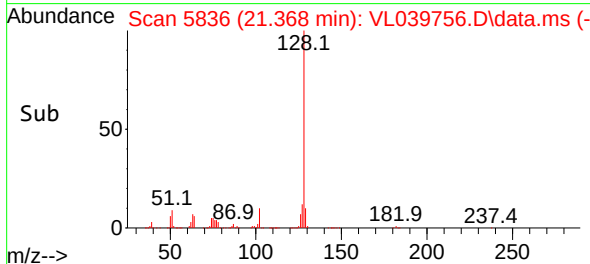
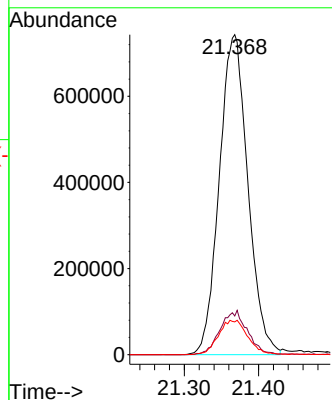
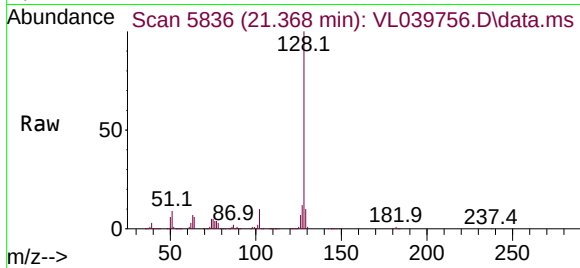




#79
Naphthalene
Concen: 9.757 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. 0.000 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

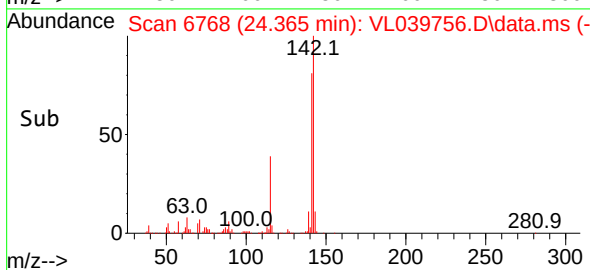
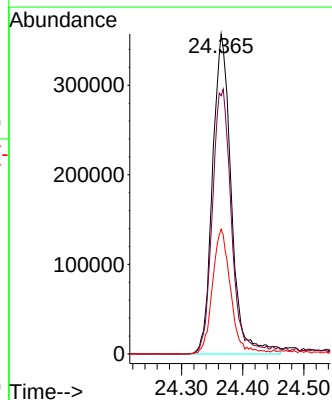
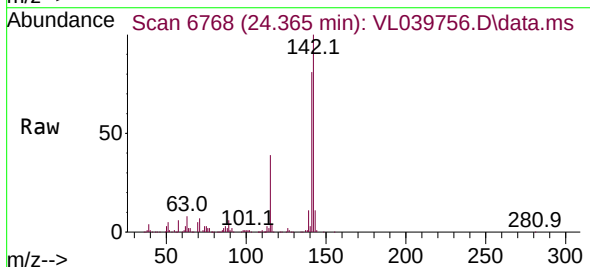
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

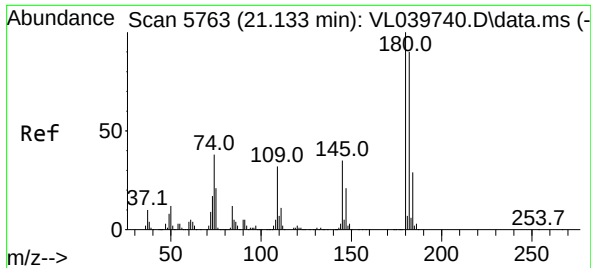
Tgt Ion:128 Resp: 1985941
Ion Ratio Lower Upper
128 100
127 12.1 10.8 16.2
129 10.2 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 12.539 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.006 min
Lab File: VL039756.D
Acq: 21 Oct 2022 23:20

Tgt Ion:142 Resp: 762207
Ion Ratio Lower Upper
142 100
141 83.8 70.0 105.0
115 37.8 32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 8.325 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL039756.D

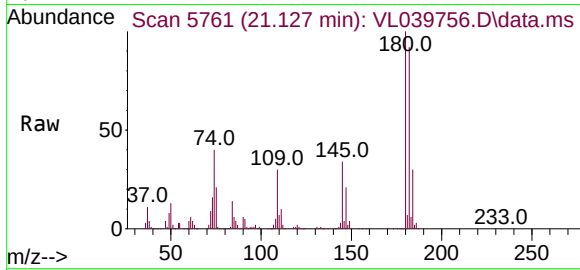
Acq: 21 Oct 2022 23:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1135398

Ion Ratio Lower Upper

180 100

182 95.9 0.0 0.0#

184 30.5 0.0 0.0#

